



2008 Navigation System Owner's Manual

For your safety and comfort, read carefully and keep in the vehicle.

AVALON



© 2008 TOYOTA MOTOR CORPORATION

All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of Toyota Motor Corporation.

Foreword

Thank you for your purchase of the Navigation System. Please read this manual carefully to ensure proper use. Keep this manual stored in your vehicle at all times.

The Toyota Navigation System is one of the most technologically advanced vehicle accessories ever developed. The system receives satellite signals from the Global Positioning System (GPS) operated by the U. S. Department of Defense. Using these signals and other vehicle sensors, the system can show you where you are and assist you in locating a desired destination.

The navigation system is designed to select efficient routes from your present starting location to your destination. The system is designed to direct you to a destination that is unfamiliar to you in an efficient manner. The system uses the maps of DENSO. The calculated routes are neither the shortest routes nor routes without traffic congestion. Your own personal local knowledge or "short cut" may at times be faster than the calculated routes.

The navigation system's database includes about 50 point of interest categories to allow you to easily select destinations such as restaurants and hotels. If a destination is not in the database, you can enter the street address or a major intersection close to it and the system will route you there. The system will provide both a visual map and audio instructions. The audio instructions will announce the distance and direction to go when you are approaching a fork or intersection. These voice instructions will help you keep your eyes on the road and are timed to provide enough time to allow you to maneuver, change lanes or slow down.

Please be aware that all current vehicle navigation systems have certain limitations that may affect their ability to perform properly. The accuracy of the vehicle's position depends on the satellite condition, road configuration, vehicle condition or other circumstances. For more information on the limitations of the system, refer to pages 58 through 60.

TOYOTA MOTOR CORPORATION

or safety reasons, this manual indicates items requiring particular attention with the following marks.



CAUTION

This is a warning against anything which may cause injury to people if the warning is ignored. You are informed about what you must or must not do in order to reduce the risk of injury to yourself and others.

NOTICE

This is a warning against anything which may cause damage to the vehicle or its equipment if the warning is ignored. You are informed about what you must or must not do in order to avoid or reduce the risk of damage to your vehicle and its equipment.

INFORMATION

This provides additional information.

Initial screen



When you start the engine or the engine switch is set to the initial “TOYOTA” screen appears and the system begins operating.



CAUTION

When the vehicle is stopped with engine running, always apply parking brake for safety.

After a few seconds, the “CAUTION” screen appears.



Read it and follow the instructions.

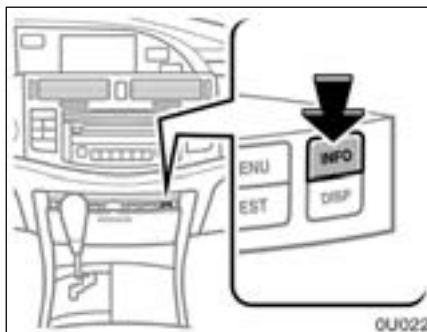
When the screen other than for the navigation system is displayed, the current screen would change to the “CAUTION” screen by pushing the “MAP/VIEW”, “MENU” or “DEST” button on the navigation controller.

When you push the “ENTER” button on the navigation controller to indicate “Enter” on the display, the next screen appears.

On this screen, you can select the language shown on the screen. Select the desired switch on the screen.

“Eng”: English
“Fr”: French

You can also select the language by the following procedure.



1. Push the “INFO” button.



2. Select the “Language” switch to display the “CAUTION” screen.



3. Select your desired language and push the “ENTER” button.

“Eng”: English
“Fr”: French

4. Select “I agree” switch and push the “ENTER” button.



to use your system as safely as possible, follow all the safety tips shown below.

This system is intended to assist you in reaching your destination and, if used properly, can do so. You, as the driver, are solely responsible for the safe operation of your vehicle and the safety of your passengers.

Do not use any feature of this system to the extent it distracts you from safe driving. Your first priority while you are driving should always be the safe operation of your vehicle. While you are driving, be sure to observe all traffic regulations.

Before attempting to use this system while you are driving, learn how to use it and become thoroughly familiar with it. Read the entire "Navigation System Owner's Manual" to make sure you understand the system. Do not allow others to use this system until they have read and understood these and other instructions in this manual.

For your safety, some functions may become inoperable when you start driving. Unavailable switches are dimmed. You can input your destination and select your route only when the vehicle is not moving.



CAUTION

- For safety, the driver should operate the navigation system while he/she is driving. Inattention to the road and traffic may cause an accident.
- While you are driving, be sure to follow the traffic regulations. If a traffic sign on the road has been changed, route guidance may provide wrong information such as the direction of a one way street.

While you are driving, listen to voice instructions as much as possible and glance at the screen briefly only when it is safe. However, do not totally rely on voice guidance. Use it just for your information. If the system cannot determine your current position correctly, there is a possibility of incorrect, late or non-voice guidance.

The data in the system may occasionally be incomplete. Road conditions including driving restrictions (no turns, street closures, etc.) frequently change. Therefore, before you follow any instruction from the system, stop to see whether you can comply with the instruction safely and legally.

system cannot warn you about things as the safety of an area, condition of streets, and availability of agency services. If you are unsure of the safety of an area, do not enter it. **Under no circumstances is this system a substitute for the driver's personal judgement.**

Use this system only in locations where it is legal to do so. Some countries and provinces may have laws prohibiting video screens within sight of the driver.

Overview of Display and Controller

Basic Functions

Descriptions of basic operations in frequent use)

your navigation system	16
putting letters and numbers	17
ow to move the cursor	18
destination input	18
entering destination	39
oute guidance screen	41
uidance screen	43
ap appearance	43
urrent position display	45
oice guidance	46
ypical voice guidance prompts	47
egistration of your home	49
etour setting	50
isplaying points of interest	51
urn list	54
ap scale	56
creen scrolling	56
rientation of the map	57
imitations of the navigation system	58
ap database information and updates	61

Advanced Functions

Descriptions of functions for more effective use)

arked points	84
reset destinations	90
rea to avoid	92
urrent position calibration	95
dit route	97
etting a preferred road	99
earch condition	101
oute overview	102
oute preview	102

(Convenient features)

Setup	106
Map color	107
Automatic rerouting	107
Time to destination	108
Adjust time zone	110
Distance	111
Notify seasonal restrict	111
Voice guide in all modes	112
Current street name	113
Maintenance information	114
Dealer setting	117
Calendar with memo	121

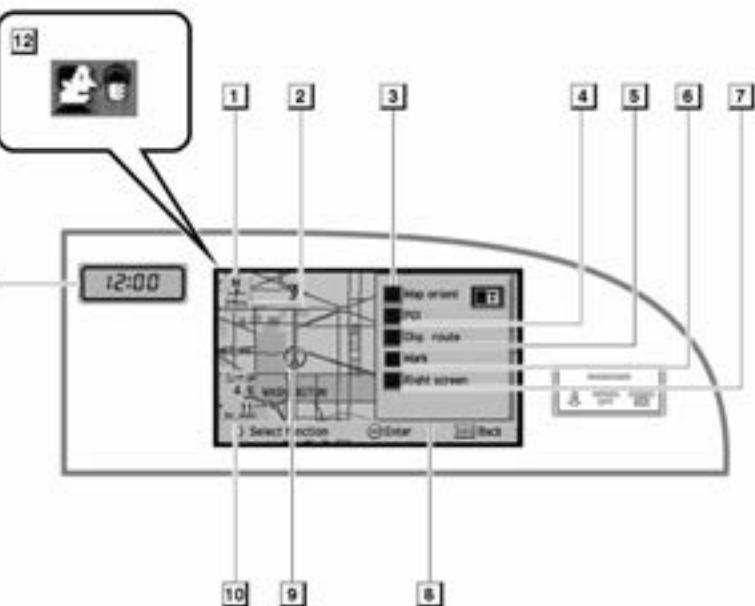
Other functions

Clock adjustment	128
Trip information	129
Screen adjustment	131
Speech command system	132

Appendix

Speech command list	136
---------------------------	-----

Index	147
--------------------	-----



01/015

Name	Function	Page
North-up or heading-up symbol	Indicates a map view with north-up or heading-up.	56
Scale indicator	The figure also indicates the map scale.	—
“Map orient”	When the dual screen is displayed, the left screen can be switched to “North-up”/“Heading-up”.	—
“POI*”	Symbols such as restaurants and hotels, etc. can be displayed on the screen.	51
“Chg. route”	The “Change route” screen will appear.	41
“Mark”	The current vehicle position as a marked point can be registered.	89

7	“Right screen”	When the map display is shown on the dual screens, the editing menu (screen) on the right screen will appear.	51, 57
8	Operation guide	Displays the switch function on each screen.	—
9	Current vehicle position mark	Indicates the current position.	45
10	Distance and time to destination	Displays the distance and the estimated travel time to the destination. The direction will be indicated when your vehicle is off the route.	—
11	Clock	The digital clock.	128
12	Speech command system indicator	This indicator appears on the screen, when the speech command system is on.	132, 13

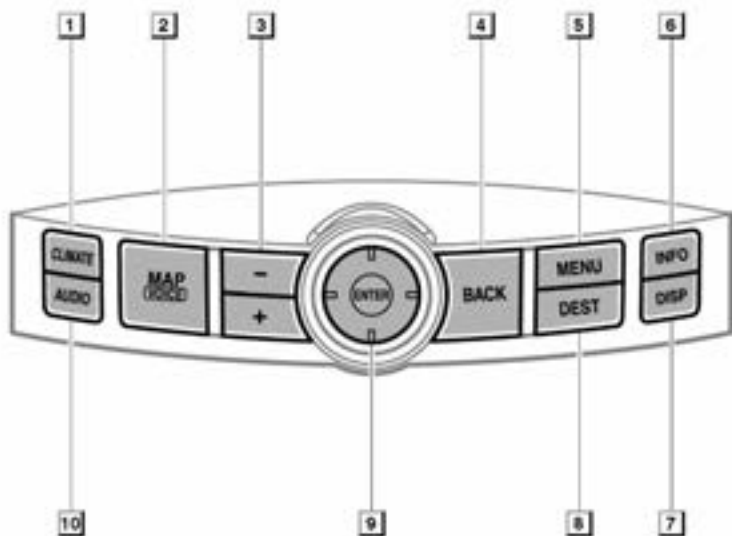
INFORMATION

the display may be tinged in purple due to the reflection of sunlight, but this is not a malfunction.

the displayed image may become darker and moving images may be slightly distorted when the display is cold.

under extremely cold conditions, the map may not be displayed and the data input by a user may be deleted. Also, the display may take time to change.

when you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, look at the screen from different angles, adjust the brightness or contrast of the screen, or take off your sunglasses.



No.	Name	Function	Page
1	“CLIMATE” button	Push this button to display the “Air Conditioner” screen.	Separate “Owner Manual”
2	“MAP/VOICE” button	Push this button to repeat a guidance voice, cancel the map scroll and start a guidance.	45
3	Zoom in/out buttons	These buttons magnify or reduce the map scale.	56
4	“BACK” button	Push this button when to call out the screen just before.	—
5	“MENU” button	Push this button to display the menu screen. This screen allows you to make adjustments or correct settings of various options and functions.	—
6	“INFO” button	Push this button to display the “Information” screen.	114

“DISP” button	Push this button to display the adjustment screen.	131
“DEST” button	Push this button to display the destination screen.	18
“ENTER” button/select and scroll lever	In case of selecting the function and letters or moving cursor, move the lever to one direction out of 8 directions. In case of deciding the function after selecting it on the screen, push down on the lever as a button.	—
“AUDIO” button	Push this button to display the audio screen.	Separate “Owner’s Manual”

BASIC FUNCTIONS

Descriptions of basic operations in frequent use

● Your navigation system	16
● Inputting letters and numbers	17
● How to move the cursor	18
● Destination input	18
<i>Explains 12 ways to input your destination</i>	
● Entering destination	39
● Route guidance screen	41
● Guidance screen	43
● Map appearance	43
● Current position display	43
● Voice guidance	44
● Typical voice guidance prompts	47
● Registration of your home	49
● Detour setting	50
● Displaying points of interest	51
● Turn list	54
● Map scale	56
● Screen scrolling	56
● Orientation of the map	57
● Limitations of the navigation system	58
● Map database information and updates	61

Navigation system



Your navigation system can be operated by the navigation controller when the engine switch is set at ACC or ON.

To access the navigation controller—
Push the lid to open.

To turn on the navigation display—
Push the “MAP/VOICE”, “MENU”, “DEST” or “INFO” button.

To turn off the navigation display—
Push the “DISP” button and select the “SCREEN OFF”.

For details, see “Controller and buttons” on page 13.



NOTICE

- *To prevent the battery from being discharged, do not leave the navigation system on longer than necessary when the engine is not running.*
- *Do not place heavy objects on the controller.*

Numbers—

To input letters and/or numbers, move the select and scroll lever to the 8 directions, and when the letter or number you wish to input is lit up, push the “ENTER” button. A beep sound is heard, and the letter or number is input. Repeat this procedure to input the name or number, etc.



If you type a wrong letter, delete it with the  switch. Selecting the  switch erases one letter.

Selecting the “**List**” switch on the screen, the screen will be changed to display the database items that match the name or address that you have entered on the screen. The number of matching items is shown to the right side of the screen. If the matching items are more than 9,999, the system displays “****” on the screen.





Selecting the “**A-Y**” switch to display the diacritics input screen, the “**0-9**” switch to display the numeral input screen.



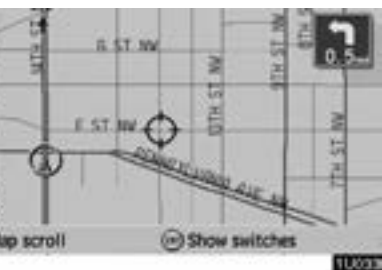
When a list is displayed, you can scroll the list by using the select and scroll lever.




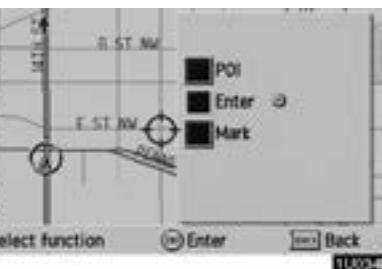
This expresses a display screen position.


If a  or a  appears the right or left of the item name, the complete name is too long for the display. Select the  or  switch and the name will scroll to the end or beginning of the name.

How to move the cursor

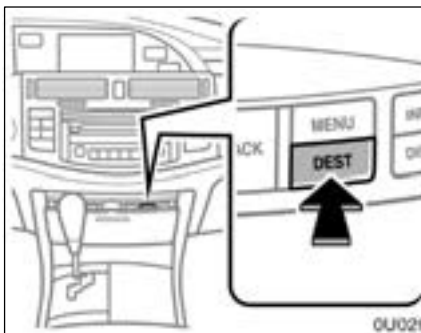


Move the cursor  to the desired location by operating the select and scroll buttons. When you release the lever, the map will stop.



In the case of making the position indicated by the cursor  on the display as the destination, push **“ENTER”** button on the navigation controller and select the desired switch on the switch menu on the right of the screen.

Destination input



Push the **“DEST”** button on the navigation controller and the **“Destination”** screen appears.



The destination screen allows you to select the country to be searched for your destination.



To shift to the next or previous page.



Select the **“Change”** switch on the screen to display a map of the United States divided into 10 regions and part of Canada.



Select an area by the select and scroll lever to select the search area and the destination screen returns.

Once you choose the region of the country to search, you can use one of 12 different methods to enter your destination.

United States of America

US1	Idaho
	Oregon
	Washington
US2	California
	Nevada
US3	Arizona
	Colorado
	Montana
	New Mexico
	Utah
	Wyoming
US4	Iowa
	Kansas
	Minnesota
	Missouri
	Nebraska
	North Dakota
	South Dakota
US5	Oklahoma
	Texas
US6	Illinois
	Indiana
	Kentucky
	Michigan
	Ohio
	Wisconsin

7	Alabama
	Arkansas
	Louisiana
	Mississippi
8	Tennessee
	Connecticut
	Maine
	Massachusetts
	New Hampshire
	New Jersey
	New York
	Rhode Island
	Vermont
	Delaware
9	Maryland
	New Jersey
	Pennsylvania
	Virginia
	Washington, DC
0	West Virginia
	Florida
	Georgia
	North Carolina
	South Carolina

CANADA

CAN	Alberta
	British Columbia
	Manitoba
	New Brunswick
	Newfoundland and Labrador
	Nova Scotia
	Ontario
	Prince Edward Island
	Québec
	Saskatchewan
	Yukon Territory

You can find your destination using various methods. See pages 22 through 38 for the detailed steps.

1. By “Address”: You can input the house number and the street address by using the input keys. See page 22 for the detailed steps.

2. By “POI” (Point of Interest): You can select one of the many points of interest that have been already stored in the system’s database. There are 54 categories to choose from including restaurants, hotels and so on. See page 26 for the detailed steps.

3. By “Marked points”: You can select your own favorite destinations as “Marked points”. The system allows you to store up to 100 marked points. See page 32 for the detailed steps.

4. By “Previous destination”: You can select a destination from any of the last 20 previously set destinations. See page 33 for the detailed steps.

5. **By “Emergency”:** You can select one of the three points of emergency service points that have been already stored in the system’s database. See page 33 for the detailed steps.



6. **By “Phone #”:** You can enter a destination by the telephone number. See page 34 for the detailed steps.


7. **By “Intersection”:** You can enter the names of two intersecting streets. This is helpful if you do not know the specific street address of your destination but know the general vicinity. See page 35 for the detailed steps.

8. **By “Freeway Ent./Exit”:** You can enter the name of the freeway (interstate) entrance or exit. See page 36 for the detailed steps.

9. **By “Previous starting point”:** You can enter a point where the system has started to guide last time. See page 37 for the detailed steps.

10. **By Map Selection:** You can select a destination simply by selecting the location on the displayed map. See page 37 for the detailed steps.

1. **By Preset Destination** ( —  switches on the “Destination” screen): You can choose the destination by selecting one of the preset destination switch. In this case, it is necessary to register your desired destination beforehand. See page 38 for the detailed steps.

2. **By Home** ( switch on the “Destination” screen): You can select your own home without entering the address each time. In this case, it is necessary to register your home beforehand. See page 38 for the detailed steps.

INFORMATION

- *When inputting the destination, the response to the switch may be slow.*
- *“Points of interest” registration is made based on the NAVTEQ “Standard POI Inclusion List” and not on infoUSA POI data.*
- *If there is no point registration, switches such as “Marked point”, “Home”, “Previous destination”, “Previous starting point” will be dimmed and not available.*
- *The route for returning may not be the same as that for going.*
- *The route guidance to the destination may not be the shortest route or a route without traffic congestion.*
- *Route guidance may not be available if there is no road data for the specified location.*
- *When setting the destination, you should use the map on a scale of one half mile or smaller.*
- *To select an “Address”, “Freeway Ent./Exit” or “Intersection” in a different region, a service area’s change is necessary.*



CAUTION

While you are driving, be sure to follow low traffic regulations and keep road condition in mind. If a traffic sign on the road has been changed, the route guidance may provide wrong information.

ADDRESS



There are 2 ways to input a destination address.

(a) Inputting a street name

Select the **"Address"** switch on the **"Destination"** screen. The **"Address"** screen appears, and then you can input a house number.



After inputting a house number, select the **"OK"** switch which you can input a street name.

It is possible to input a street name first. Select the **"Street"** switch on the display to display the screen which you can input a street name.



After each letter is inputted, the system searches the database for street names that match. Alphabet keys are dimmed if the database does not have a match for the next letter in the remaining list of matching street names.

Selecting the “**A-Y**” switch to display the diacritics input screen, the “**0-9**” switch to display the numeral input screen.

Based on your input, the number of matching sites appears at the top right of the screen. After the number decreases to some extent, select the “**List**” switch to display the street selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.



When you find your desired street name, select ☐ of the item. The screen changes and displays the location of the selected destination and the route preference. (See “Enter destination” on page 39.)

If the same street exists in more than one city, the current screen changes to the “Select city” screen. Select or enter your desired city.



When you input a street name first, the screen changes. You can then input a house number.



When the above screen appears, you can select an address range on that screen.

(b) Inputting a city name

The screen for selecting the last 5 towns appears if you select the **“City”** switch on the “Address” screen on page 22.



5 cities are displayed on the screen.

Select the ☐ of the desired city name. The current screen changes to the screen which is for inputting a street name.

INFORMATION

Under the initial condition, town name will not be displayed.

“All cities”: All cities are selected.

“Near 5 cities”: 5 near cities are displayed. Selecting a city in the list changes to the display to input a street name.

“Input city name”: The screen for inputting a city name appears.

The screen for inputting a city name appears if you select the **“Input city name”** switch on the “Address” screen.



Input a city name.

After the number decreases to some extent, select the **“List”** switch to display the city selection list. If the number of matches decreases to 4 or less, the screen changes automatically to the selection list.



Select the ☐ of the desired city name.

Map”: If you select this switch, the screen changes and displays the map location of the selected city and the route preference. (See “Entering destination” on page 39.)

The current screen changes to the screen which is for inputting a street name.



Input a street name. (See “(a) Input a street name” on page 22.)

The screen changes and displays the map location of the selected destination and the route preference. (See “Entering destination” on page 39.)

(Point of Interest)

There are 3 ways to select a point of interest (POI) location.

Input the name of the point of interest directly.

Inputting a city name first.

Selecting from the points of interest categories.

It does not take a long time for you to find a destination if you use a combination of the searching ways of (a), (b) and

(a) Inputting the name of the point of interest directly

Select the **“POI”** (Point of Interest) switch on the **“Destination”** screen.



The **“POI”** (Point of Interest) screen appears, and then you can input the name of the point of interest.

Select letters on the screen to input a name.

Selecting the **“A-Y”** switch to display the diacritics input screen, the **“0-9”** switch to display the numeral input screen.

If the number of sites becomes 4 or less, or if you select the **“List”** switch at the bottom right of the screen, the screen changes and displays a list of sites.



Select the ☐ of your desired destination.

You can search it more easily with the **“City”** and **“Category”** switches. (See **“(b) Inputting a city name”** on page 2 and **“(c) Selection from the point of interest categories”** on page 28.)

b) Inputting a city name

Select the “City” switch on the “POI (Point of Interest) screen.



5 cities are displayed on the screen.

Select the ☐ of the desired city name.

The current screen changes to the screen which is for inputting a name of point of interest.

INFORMATION

Under the initial condition, town name will not be displayed.

All cities”: All cities are selected.

Near 5 cities”: 5 near cities are displayed. Selecting a city in the list changes to the display to input a name of the point of interest.

Input city name”: The screen for inputting a city name appears.



Input a city name.

If the number of sites becomes 4 or less, or if you select the “**List**” switch at the bottom right of the screen, the screen changes and displays the selection screen. Select the ☐ of the desired city name.

After entering the city name, input the name of the point of interest.

Selection from the point of interest
categories

Set the “**Category**” switch on the
“(Point of Interest) screen.



categories are shown on the
screen. When you select the ☐ of
desired category, more detailed
categories are shown.



When you select the ☐ of your de-
sired category, the screen changes and
displays the previous screen.

Categories: You can select the point
of interest by the name in all categories.



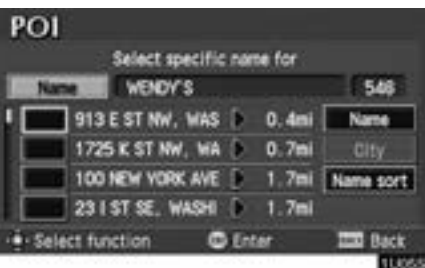
Once you have selected a category, select
letters directly on the screen to input
the name.

Selecting the “**A-Y**” switch to display
the diacritics input screen, the “**0-9**”
switch to display the numeral input
screen.

If the number of sites becomes 4 or less
or if you select the “**List**” switch at the
bottom right of the screen, the screen
changes and displays a list of sites.



When you select the ☐ of your de-
sired item, the screen changes and dis-
plays the map location of the selected
destination and the route preference.
(See “Entering destination” on page
39.)



In case of having some POIs of the same name, this screen appears.

Name sort: Select this switch to list the categories in alphabetical order.

Dist. sort: Select this switch to list the categories in order of nearest place from our current location.

INFORMATION

The information on the desired point of interest can be displayed on the map screen.



Select the **“Info.”** switch to display the selected destination name, address, and telephone number.

of points of interest

 RESTAURANT

 JAPANESE

 CHINESE

 FRENCH

 ITALIAN

 OTHER

 AMERICAN

 CONTINENTAL

 MEXICAN

 SEAFOOD


 SHOPPING

 GROCERY STORE


 GAS STATION

 PARKING GARAGE/
HOUSE

 PARKING LOT


 RENTAL CAR AGENCY

 TOYOTA DEALERSHIPS

 LEXUS DEALERSHIPS


 AUTOMOBILE CLUB

 AUTO SERVICE &
MAINTENANCE

 HOTEL

 GOLF COURSE

 SKI RESORT

 AMUSEMENT PARK



CASINO



MARINA



TOURIST ATTRACTION



WINERY



CITY HALL



POLICE STATION



LIBRARY



HOSPITAL



PARK/RECREATION



CIVIC/COMMUNITY
CENTER



CONVENTION/EXHIBI-
TION CENTER



COURT HOUSE



AIRPORT



BUS STATION



COMMUTER RAIL S
TION



FERRY TERMINAL



PARK & RIDE



REST AREA



TOURIST INFORMATI



HISTORICAL MONUM
UMENT



PERFORMING ARTS



MUSEUM



BANK




SCHOOL

MARKED POINTS

Selecting the “Marked points” switch on the “Destination” screen displays your list of registered marked points. (Refer to pages 84 through 86 on “Registering”, “Editing” or “Deleting” marked points.)



When you select the  of your desired item, the screen changes and displays the map location of the selected destination and the route preference. (See “Entering destination” on page 39.)

Then, select the “Enter” switch to start the route guidance. This new destination will not be registered as a marked point or alter the location of the marked point.

There are 3 ways to list the marked points by selecting switches.

Sort by “Icon”: Select this switch to list the marked points by using the registered icon. There are 46 icons and 4 source icons. (For details, see page 86.)

Sort by “Date”: Select this switch to list the marked points in order of registered date.

Sort by “Name”: Select this switch to list the marked points in alphabetical order.

HIGHER EDUCATION

BUSINESS FACILITY

CITY CENTER/NAMED PLACE

PREVIOUS DESTINATION

Select the “Previous destination” switch on the “Destination” screen.



The screen lists to 20 previously set destinations.

Select your desired destination. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering destination” on page 39.)

You can delete the list of previous destinations while you stop your vehicle if you no longer need them. (See page 98 for details.)

EMERGENCY

By selecting the “Emergency” switch on the “Destination” screen, the display changes to a screen to select police stations, hospitals or dealers. While driving, only nearby police stations, hospitals or dealers are shown. The current position is shown with the address, the latitude and the longitude at the top of the screen.



When you select your desired emergency category, the selected emergency category list is displayed.



The distance from your current position to the destination is displayed on the right of the name.

You can see the names of the emergency destinations in alphabetical order by selecting the “Name sort” switch on the screen.

Select the ☐ of your desired item. The screen changes and displays the map location of the selected destination and the route preference. (See “Entering destination” on page 39.)

TELEPHONE NUMBER

st the **“INFO”** switch to display the
ted emergency destination name,
ess and telephone number.

INFORMATION

n area which has not been regis-
d for route guidance, the naviga-
does not guide. (See pages 60
61.)

Select the **“Phone #”** switch on the
“Destination” screen.



Input a phone number.

After inputting it, select the **“OK”** switch
and the screen changes and displays the
map location of the selected destination
and the road preference. (See “Entering
destination” on page 39.)

If there are many sites having a same num-
ber, the following screen appears.



INTERSECTION

Select the “Intersection” switch on the “Destination” screen.

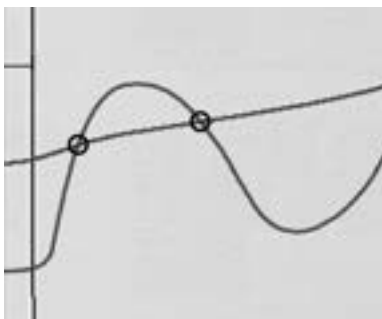


Input the name of the two intersecting streets which are located near the destination to be set.

When you select the “List” switch or the number of sites becomes 4 or less, the list of matching street names appears.



Select the ☐ of your desired item. After inputting the two intersecting streets, the screen changes and displays the map location of the selected destination and the route preference. See “Entering destination” on page 9.)



If the same two streets cross at more than one intersection, the screen changes and displays the menu to select the city where the streets intersect. Select the city and the map location of the selected destination and the route preference. (“Entering destination” on page 39.)

put a freeway entrance or exit, select the **"Freeway Ent./Exit"** switch on the **"Destination"** screen.



ure to use the complete name of the ay or highway, including the hyphen, entering the destination. Freeways terstates use an "I" (I-405). US high-use the state designation before the er (CA-118).

the number of matching freeways de-es, you can select the **"List"** switch display the list. When the number of becomes 4 or less, the list screen ap-es automatically.



se the desired freeway by select-ne ☐.



You can then select either a freeway **"Entrance"** or **"Exit"**.



Select the ☐ of your desired entrance or exit name. The screen changes and displays the map location of the selected destination and the route preference. (See **"Entering destination"** on page 39.)

There are 2 ways to list the freeway entrance or exit.

"Dist. sort": Select this switch to list the entrances or exits in order of distance from your current location.



"Name sort": Select this switch to list the

POINT

Select the **“Previous starting point”** switch on the **“Destination”** screen.

The screen changes and displays the map location of the previous starting point and the route preference. (See **“Entering destination”** on page 39.)

If you have not used the navigation yet, you can not set the destination by the **“Previous starting point”** switch.

Destination input by MAP



Select the **“Map”** switch on the **“Destination”** screen.



The screen change and display map location of the last map and route preference. (See **“Entering destination”** on page 39.)

SET DESTINATION



Select one of the  —  switches the "Destination" screen, the screen changes and displays the map location of your desired preset destination. In this case, it is necessary to register your desired preset destination beforehand. (Refer to pages 90 through 91, "Registering", "Editing" or "Deleting" a preset destination.)

Destination input by HOME



Select the " (home)" switch on the destination input screen.

The screen changes and displays the map location of your home and the route preference. (See "Entering destination" on page 39.)

The screen changes to display the map location of your home about 3 seconds and then the system starts to search the way to your home.

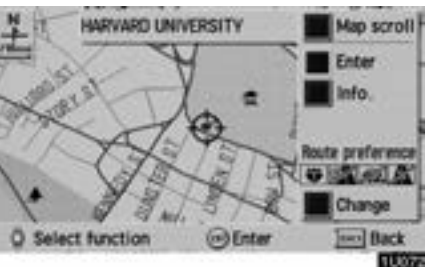
If you have not registered your home yet, you can not set the destination by the

" (home)" switch.


For the steps to register or delete your home, see page 49.

Entering destination

After you input the destination by one of the 12 methods, the screen changes and displays the map location of the selected destination and the route preference.

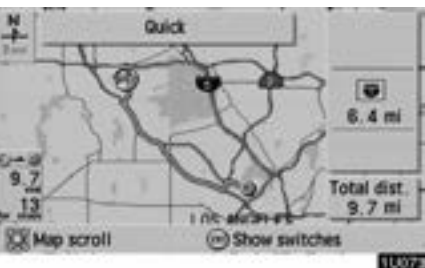


Select the **“Map scroll”** switch on the screen to move the cursor .

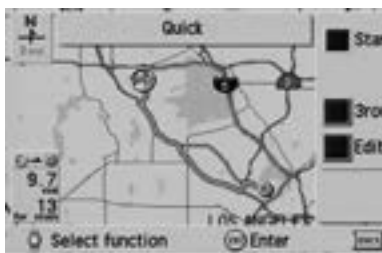
You can move and set the cursor  at a desired point. (For the method of how to move the cursor, see page 18.)

Change: Selecting this switch can change “Route preference”.

When you select the **“Enter”** switch, the system starts searching for a route to your destination using the conditions entered.



If you want to set a preferred road point between the starting point and the destination or change the search condition, push the **“ENTER”** button on the navigation controller to display the menu switches.



Select the **“Edit route”** switch on the screen. The screen changes and displays the edit route menu. (For details, see page 99.)

You can start the route guidance by selecting the **“Start”** switch on the screen. The screen changes and displays the starting to move your vehicle.

If you continue to push the **“ENTER”** button on the navigation controller, you hear a beep, the “demo” mode starts.

the preference:

change the conditions of the route preference.

Click the “Edit route” switch, and the “Edit route” screen appears.



Click the “Route preference” switch.

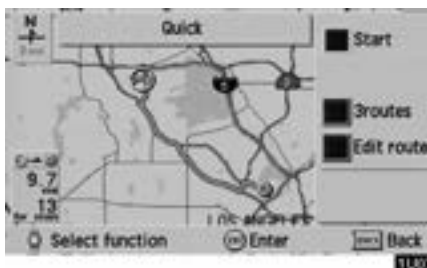


Click either “Allow” or “Detour” switch. When you select the “OK” switch, the system starts searching for a route up to the destination.

If you select the “Detour” switch, it cannot be avoided in some cases.

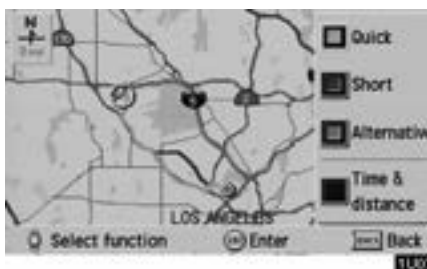
INFORMATION

If the calculated route includes a trip by ferry, the route guidance shows a detour route. After you travel by ferry, your current vehicle position may be incorrect. Upon reception of GPS signal, it is automatically corrected.



Select the “3routes” switch.

“3routes”: You can choose your route of 3 types of route.



Choose one from the three routes.

“Quick”: A route on which you can reach the destination in the shortest time.

“Short”: A route on which you can reach the destination in the shortest distance.

“Alternative”: Other route.



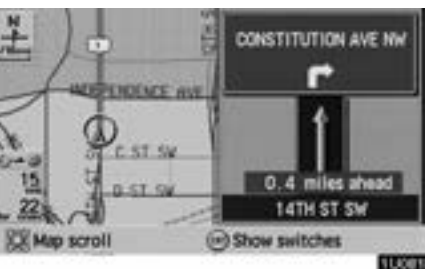
Select the “Time & distance” switch to display the time and distance list.

Route guidance screen

The route guidance system displays two different screen modes.



Single screen: Only map is shown in a screen mode like the above.



Split screen: Map and guidance screen are shown in a screen mode like the above. (For details about guidance screen, see page 43.)

The two route guidance screens have a number of indicators and switches with which you should be familiar.



Map screen with switch: When the **"ENTER"** button on the navigation controller is pushed while the map is played, the switch screen is displayed on the right side of the screen.

"GPS": Upon reception of signals from GPS (Global Positioning System), a mark appears. (For details, see page 51.)

"Map orient": To switch the map orientation between North-up and Heading-up. (For details, see page 57.)

"POI": Select this switch, and symbols of points of interest are shown on the screen. (For details, see page 51.)

"Chg. route": The "Change route" screen appears and the following settings are available.

"Mark": Select this switch for quick registration of the marked point. (For details, see page 89.)

"Guide": When POI icons are displayed on the map, select this switch, and the name of a POI icon near the cursor is displayed. Move the select and scroll lever to the right or left, and the name of the POI icon is displayed. If no POI icon is displayed on the screen, "No guidance information available" is displayed. Push the **"ENTER"** button while the name of the POI icon is displayed to see detailed information about that POI (name, location, phone number, etc.) displayed on the screen.

”: Select this switch when you have multiple destinations to go. The distance and time from the current position to the destination can be displayed for each destination. When you are not traveling on the highway, however, only the distance is displayed.

INFORMATION

The distance to your destination appears on the left of the screen.

The time to your destination can also be displayed. (For the setting steps, see page 108.)

Selecting these switches changes the guidance screen.

Selecting these switches changes the map screen.



“Searching condition”: To change the searching condition for reroute. (For details, see page 101.)

“Del. next dest.”: To delete the setting for deleting the next destination.

“Delete preferred road”: To delete the setting for deleting the preferred road that you registered.

“Start from adjacent road”: To start the route guidance from the adjacent road (ex. When the route guidance guides the route on a freeway, but you drive on the parallel way along a freeway.)

“Detour for”: To change the condition for detour. (For details, see page 50.)

“Whole route”: To calculate an entire new route to the destination.

Guidance screen

The right half of the screen can be used as a guidance screen.

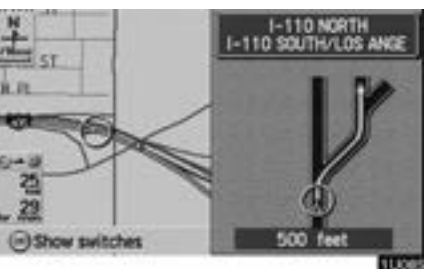
See also “Route guidance screen” on page 11.

Split screen near the intersection.



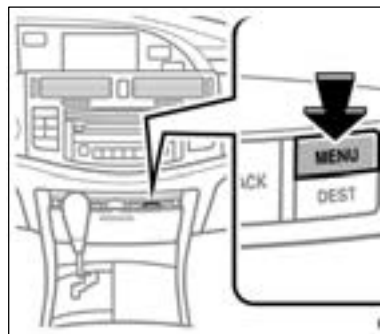
The distance to the intersection is shown at the bottom of the screen.

Split screen near the exit of the freeway.



Map appearance

You can set the map mode and guidance mode.



1. Push the “MENU” button on the navigation controller.



2. Select the “Map appearance” switch.



3. It changes to the “Map appearance” screen and you can select the “Map appearance mode”.

Guidance mode:



To display arrow screen

Map screen



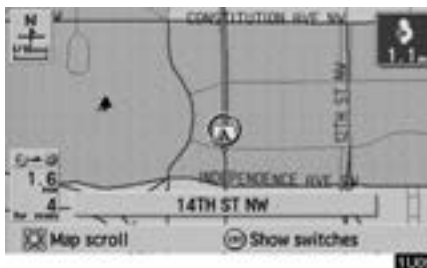
The map screen shows the current road name and the distance to the next corner.

Turn list screen



The turn list screen shows the “turn list” like the map screen. You cannot scroll through the list of turns.

Map screen



Single mode



Dual mode

The map screen has 2 modes:



Single mode



Dual mode

The dual mode screen can perform the following procedures.

- Changing the map scale
- Displaying the POI icon (See page 51)
- Changing the orientation of the map

Current position display



The current vehicle position mark appears in the center of the map screen. You can return to this map screen showing your current position at any time from any screen by pushing the “MAP/VOICE” button on the navigation controller.

While driving, the current vehicle position mark is fixed in the center of the screen and the map moves.

If you move the map, the current vehicle position mark continues to track your current location.

INFORMATION

When you use the map scroll feature, the current vehicle position mark disappears from the screen. Move the map again with map scroll or push the “MAP/VOICE” button to return the current vehicle position map to the current position display.

The current position is automatically set as your vehicle receives signals from the GPS (Global Positioning System). If your current position is not correct, it is automatically corrected when your vehicle receives signals from the GPS.

INFORMATION

After battery disconnection, or when a new vehicle is connected, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.

If you must correct the current position manually, follow the steps on page 11.

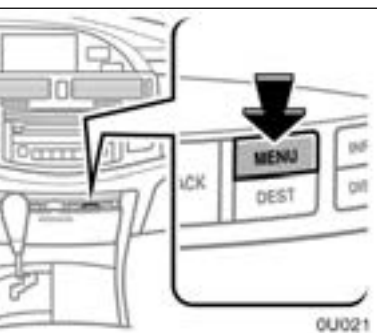
The current street name will be displayed in the bottom of the screen when the scrolling of the current street name is on.

In some areas, the roads have not been completely digitalized in our database. For this reason, the route guidance may guide the road that is not allowed to

Voice guidance

can use voice guidance while driving to the destination.

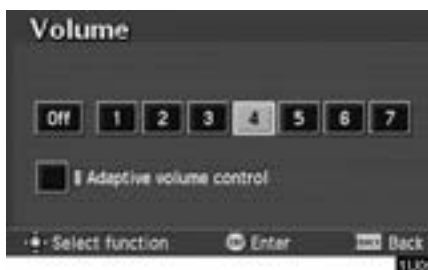
can adjust the volume of the voice or turn off voice guidance.



Push the “**MENU**” button on the navigation controller.



Select the “**Volume**” switch.



3. Select the volume using the switches “1”–“7”.

If you do not need voice guidance, select the “**Off**” switch.

The selected item is highlighted in green.

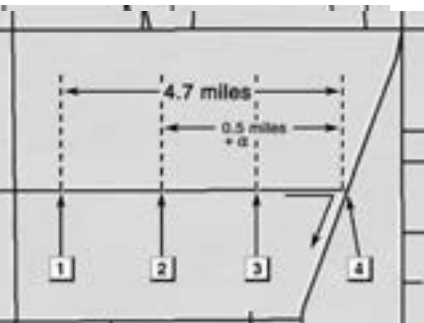
INFORMATION

During route guidance, the voice guidance continues even if the navigation screen is changed to other screens.

“**Adaptive volume control**”: If you select the “**Adaptive volume control**” switch, the volume is turned up automatically when the vehicle speed exceeds 50 mph (80 km/h).

To turn the system of the “**Adaptive volume control**” on, select the switch. The indicator will be highlighted.

Prompts

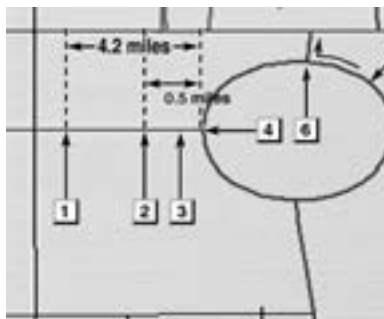


The voice guidance provides various messages as you approach an intersection, or other point where you need to maneuver the vehicle.

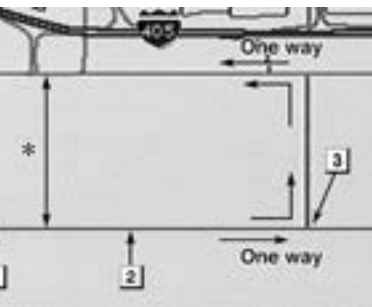
- 1 "Proceed about 5 miles."
- 2 "In a half of a mile, right turn."
- 3 "Right turn."
- 4 Beep sound only.

INFORMATION


On freeways, interstates or other highways with higher speed limits, the voice guidance will be made at earlier points than on city streets in order to allow time to maneuver.




- 1 "Proceed about 4 miles to traffic circle."
- 2 "In a half of a mile, traffic circle ahead, and then the 3rd exit ahead."
- 3 "The 3rd exit ahead."
- 4 Beep sound only.
- 5 "The exit ahead."
- 6 Beep sound only.

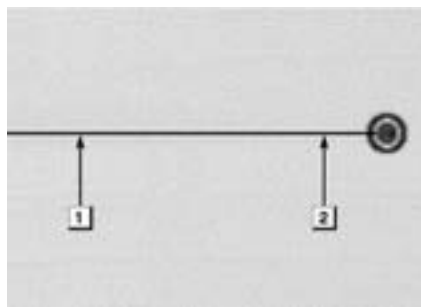


The system indicates a U-turn if the distance between two one-way roads (of opposite directions) is less than 15 m (50 ft.) in residential areas or 50 m (164 ft.) in non-residential areas.

 "In half of a mile, make a legal U-turn ahead."


 "Make a legal U-turn ahead."

 Beep sound only.



The system announces your approach to the final destination.

1  "Your destination is ahead."

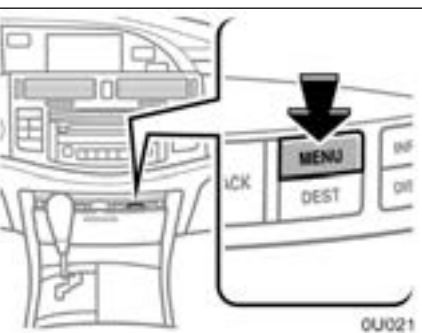
2  "You have arrived at your destination. The route guidance is now finished."

INFORMATION

- **Voice guidance may be made early or delayed.**
- **If the system cannot determine the current position correctly, you may not hear voice guidance or may not see the magnified intersection section on the screen.**
- **If you did not hear voice guidance, command, push the "MAP, VOICE" button to hear it again.**

Registration of your home

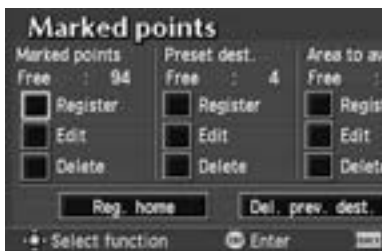
If you register your home address beforehand, you can easily set the route back to your home.



1. Push the “MENU” button on the navigation controller.



2. Select the “Marked points” switch.



3. Select the “Reg. home” switch for registering your home address.

If your home is already registered, the “Reg. home” switch changes to the “Delete home” switch.



You may register the location of your home by some different methods: current position, address, map location, etc. Select your desired method from the menu on the screen.

Input your home in the same way as a destination input. (See page 38.)

SETTING YOUR HOME



Push the **“MENU”** button on the navigation controller to display the **“Menu”** screen and select the **“Marked points”** switch.



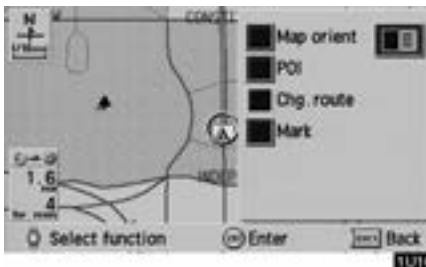
Select the **“Delete home”** switch.



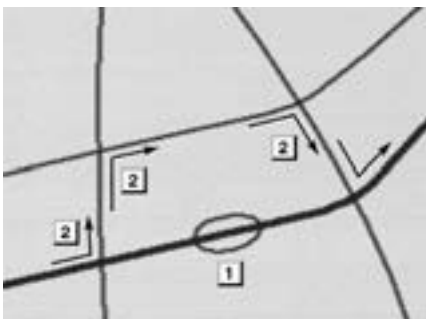
The screen changes and displays the map. If you select the **“Yes”** switch, the system will set the home location. If not, select the **“No”** switch.

Detour setting

When you are driving while the route guidance is operating, you can change the route to detour around a section of the route where a delay is caused by road repairs, an accident, etc.



Select the **“Chg. route”** switch on the right side of the screen if you encounter a reason to divert from the selected route.



This picture shows an example of how the system would route you around a delay caused by a traffic jam.

- 1 This part indicates the location where a traffic jam is occurring due to road repairs or an accident.
- 2 These show the detour route suggested by the system.



When you select the “Chg. route” switch, the screen changes to the “Change route” screen that allows you to select the distance you want to detour. Select one of the numeral keys to start the detour process. After detouring, the system returns to the original guidance route.

Whole route: If you select this switch, the system will calculate an entire new route to the destination.

INFORMATION

- *When your vehicle is on a freeway, the detour distance selections are 5, 15 and 25 miles.*
- *The system may not be able to calculate a detour route depending on the selected distance and surrounding road conditions.*

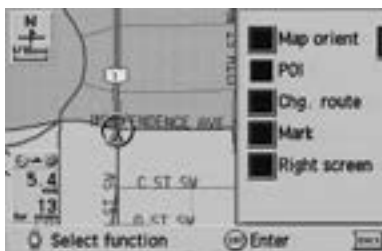
Search condition: To change the conditions of the searching route. (See page 01.)

Quick: A route on which you can reach the destination in the shortest time.

Short: A route on which you can reach the destination in the shortest distance.

Alternative: Other route.

Displaying points of interest such as gas stations and restaurants can be displayed on the map screen. You can also set a location as a destination and use it for route guidance.



To display a particular type of point of interest on the screen, select the “POI” switch on the map right screen.



A window with a limited choice of points of interest will be displayed. When you select your desired type of point of interest, the icon will appear on the map screen indicating where the POI addresses are located.

More: If you cannot find your desired point of interest on the limited choice screen, select this switch. The screen then displays the more “Point of Interest” screen.

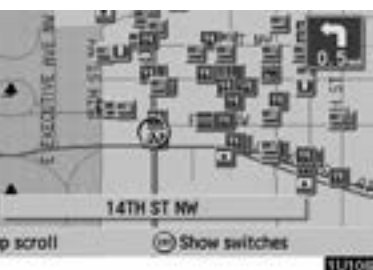
You can show up to 5 types of icons on the screen.



When you select the point of interest type from the more list, the screen will display the complete "Point of Interest" listing screen.



Pressing the **"Delete"** switch will delete the last selected icon.



When you select a point of interest type from either the limited list or the complete more list, the screen will display icons at those points of interest on the map screen.



"Local POI list": Select this switch which displays a list of points of interest. When selecting some categories of POI. The "Local POI list" screen will appear with a list of points of interest within 20 miles (32 km).

Sort by "Icon": Select this switch to list the points of interest in order of the type of symbol.

Sort by "Dist": Select this switch to list the points of interest in order of the distance.

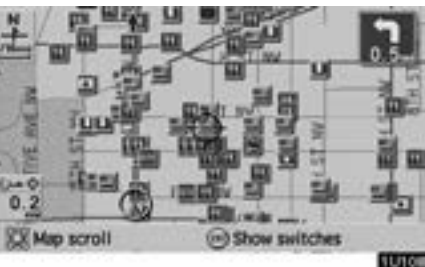
Sort by "Name": Select this switch to list the points of interest in alphabetical order.

"Route": Select this switch to list the points of interest on the route in order of the distance.

To turn off the icons of the points of interest on the map screen, select the "POI off" switch on the screen "Show POI icons".

Setting a POI as a destination

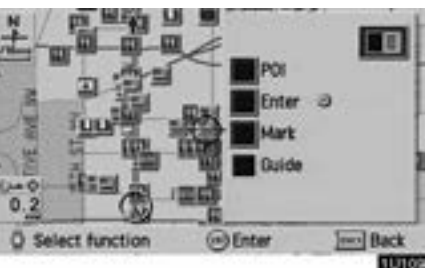
You can select one of the points of interest icons on the map screen as a destination and use it for a route guidance.



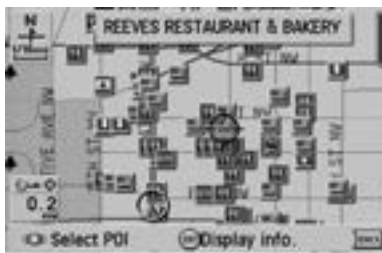
1. Select the icon of the point of interest that you want to set as a destination.

Operate the select and scroll lever to move the cursor \oplus to your desired POI icon. When the icon "POI" is centered in the screen and it overlaps with the cursor \oplus .

2. Push the "ENTER" button on the navigation controller, and then the switch menu appears.

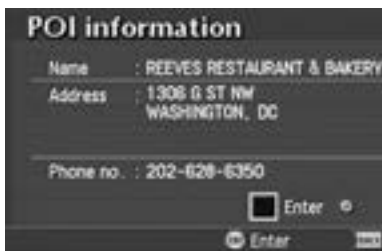


3. Select the "Guide" switch.



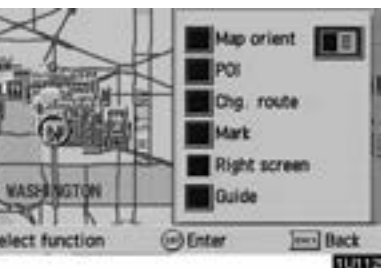
The name of the point of interest is played at the top of the screen. You can select the other POI icon on the display map.

When you push the "ENTER" button on the navigation controller, the information such as the name and address, etc., is displayed.



4. If you set the point of interest as a destination, select the "Enter" switch. If not, push the "BACK" button on the navigation controller, the previous screen returns.

Turn list

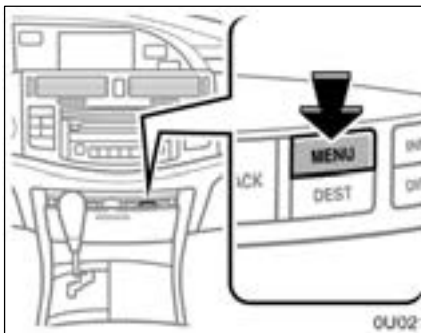


When there are 2 screens displayed, select the **“Right screen”** switch. You can change the “Edit right screen”.



Select **“Show POI icons”**. POI icon is displayed when the indicator next to the option is highlighted, and if not, the POI icon is not displayed.

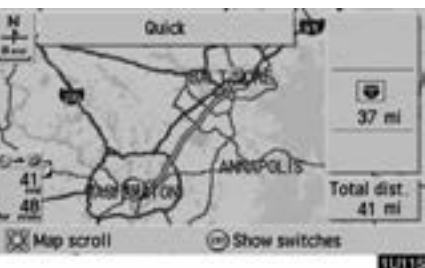
You can change from the map screen to a **“Turn list”** screen that displays the list of the roads up to your destination. This list can be used for a route guidance.



1. Push the **“MENU”** button on the navigation controller.



2. Screen and select the **“Route overview”** switch.



3. The screen will change to the “Entire route map” screen, push the “ENTER” button on the navigation controller to display the menu switches. And then select the “Turn list” switch.



You can scroll through the list of roads. However, not all road names in the route may appear on the list. If a road changes its name without requiring a turn (such as on a street that runs through two or more cities), the name change will not appear on the list. The street name closest to the starting point will be displayed with a mile-age to the next turn.



These marks indicate the direction which you should turn at an intersection.

Select the “**Map**” switch on the “Turn list” screen of your desired point. The point which you choose is displayed on the map screen.

INFORMATION

- The current vehicle position appears at the bottom of screen next to the name of street you are driving on. The does not move.
- If you leave the guidance route name of the street you are on is shown on the list next to the current vehicle position mark.
- If the road type you are on changes between a highway, a main street or a residential street (at an intersection change or fork), it will appear on the turn list.
- If a long route has been selected, it may take a long time to display the turn list.
- Push the “**MAP/VOICE**” button on the navigation controller to turn to the map display with navigation guidance.

Map scale





Map scale can be changed by pushing the zoom in/out buttons of the navigation controller to the “+” (zoom in) side or to the “-” (zoom out) side while the map is displayed and while guiding as well. The zoom scale runs from 1/32nd of a mile to 128 miles. Push and release the zoom in/out buttons to the “+” side or “-” side to change the scale one step at a time. Push and hold either button to zoom in or out continuously.

Map scale is displayed under the heading-up symbol or Heading-up symbol at the top left of the screen.

Screen scrolling



If you wish to look at a different point on the map other than your current vehicle position, you can bring the desired point to the center of the screen by using the scroll feature.

Move the cursor mark  to the point you desire by operating the select and scroll lever of the navigation controller. Push the “ENTER” button on the navigation controller, and select the “Enter ” switch.

If you continue to hold the lever by your finger on the navigation controller, the map will continue scrolling in that direction until you lift your finger.

After scrolling the screen, the map remains centered at the selected location until you push the “MAP/VOICE” button. The current vehicle position mark will continue to move along your actual route and may move off the screen. When you push the “MAP/VOICE” button, the current vehicle position mark returns to the center of the screen and the map moves as you proceed on your route.

INFORMATION

If you enter a destination using the screen scrolling function, the road nearest to the point you selected is set as the destination. At this time, if the nearest road is over 4 miles from the destination point, the system may not be able to calculate a guidance route.

Orientation of the map



You can change the orientation of the map from North-up to Heading-up.



North-up symbol

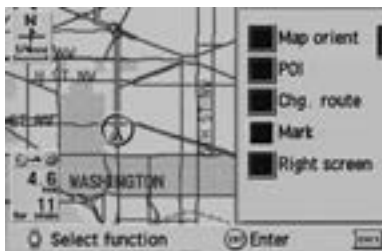
Regardless of the direction of vehicle travel, the north is always up.



Heading-up symbol

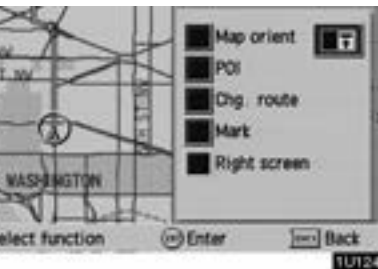
The direction of the vehicle travel is always up. A red arrow indicates the North.

1. Push the “**ENTER**” button the map screen is displayed.



2. When the “**Map orient**” a right side of the screen is selected, the orientation of the map screen is switched between the North-up and the Heading-up. When there are 2 screens displayed, the North-up of the left side and the Heading-up of the right side screen is switched by this operation.

system



When there are 2 map screens displayed to switch the North-up/Heading-up of the right screen map, select **Right screen** switch.



Select the **“Map orient.”** of the **right screen**, and then the North-up/Heading-up of the right screen is switched.

When 2 map screens are displayed, you can set one as the North-up and the other as the Heading-up.

This navigation system calculates the current vehicle position using satellite signals, various vehicle signals, map data, etc. However, an accurate position may not be shown depending on the satellite condition, road configuration, vehicle condition or other circumstances.

The Global Positioning System (GPS) developed and operated by the U.S. Department of Defense provides an accurate current vehicle position, normally using 4 or more satellites, and in some cases 3 satellites. The GPS system has a certain level of inaccuracy built in for security reasons. While the navigation system will compensate for this most of the time, occasional positioning errors of up to 300 feet (100 m) can and should be expected. Generally, position errors will be corrected within a few seconds.



When your vehicle is not receiving signals from the satellites, the “GPS” mark does not appear at the screen.

The GPS signal may be physically obstructed, leading to inaccurate vehicle position on the map display. Tunnels, tall buildings, trucks, or even the placement of objects on the instrument panel may obstruct the GPS signals.

The GPS satellites may not send signals due to repairs or improvements being made to them.

Even when the navigation system is receiving good GPS signals, the vehicle position may not be shown accurately or inappropriate route guidance may occur in some cases.

NOTICE

The installation of window tinting may obstruct the GPS signals. Most window tinting contains some metallic content that will interfere with GPS signal reception of the antenna in the instrument panel. We advise against the use of window tinting on vehicles equipped with navigation systems.

(a) Accurate current vehicle position may not be shown in the following cases:

- When driving on a small angle shaped road.
- When driving on a spiral road.
- When driving on a slippery road as in sand, gravel, snow, etc.
- When driving on a long straight
- When freeway and surface street are in parallel.
- After moving by ferry or vehicle on
- When a long route is searched or high speed driving.
- When driving without setting the current position calibration correctly.
- After repeating a change of direction by going forward and backward turning on a turntable in the parking
- When leaving a covered parking or parking garage.
- When a roof carrier is installed.
- When driving with the tire pressure installed.
- When the tires are worn.
- After replacing a tire or tires.
- When using tires that are smaller or larger than the factory specification.
- When the tire pressure in any of the four tires is not correct.

INFORMATION

If your vehicle cannot receive GPS signals, you can correct the current position manually. For the information on setting the current position calibration, see page 95.

Inappropriate route guidance may occur in the following cases:

When turning at a wrong intersection for the designated route guidance.

When you are heading for a destination without passing through a set preferred road, automatic rerouting may display a route returning to the set preferred road.

When turning at an intersection for which there is no route guidance.

When passing through an intersection for which there is no route guidance.

During automatic rerouting, the route guidance may not be available for the next turn to the right or left.

Automatic rerouting may take a long time to operate during high speed driving. In automatic rerouting, a detour route may be shown.

During automatic rerouting, the route may not be changed.

The route in a U-turn may be shown or announced.

A location may have multiple names and the system will announce one or more.

Some routes may not be searched.

If the route to your destination includes travel, unpaved roads or alleys, the route guidance may not be shown.

Your destination point might be shown on the opposite side of the street.

When a portion of the route has regulations prohibiting the entry of the vehicle that vary by time or season or other reasons.

The road and map data stored in your navigation system may not be complete or may not be the latest release.

After replacing the tire, implement the operation described in the “Current position calibration”. (For details, see page 95.)

This navigation system uses tire turning data and is designed to work with factory specified tires for your Toyota. Installing tires that are larger or smaller than the originally equipped diameter may cause inaccurate display of the vehicle's position. The tire pressure also affects the diameter of the tires so please make sure the tire pressure of all four tires is correct.

and updates

Map database is made based on the maps, 2006 edition of DENSO, whose information source comes from NAVTEQ maps, Tele Atlas maps and infoUSA POIs.

©2005 NAVTEQ. All rights reserved.

©2005 Tele Atlas North America, Inc.

All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

Data by infoUSA Copyright ©2005, All Rights Reserved.

This product contains proprietary and confidential property of NAVTEQ, Tele Atlas and infoUSA. Unauthorized use, including duplication of this product is expressly prohibited.

There are two types of areas available for route guidance. (See the following pages.) In one type of area, primarily around metropolitan centers, detailed route guidance is available for the entire area. In the other type of area, only roads are displayed on the map and route guidance is limited. The navigation route might lack precision because the data (no right turns, one-way traffic, etc.) is not complete. It is still possible to reach the destination by following the arrow direction and distance shown on the bottom left of the screen. The arrow points in the direction to the destination. The distance shown is measured in a straight line from the current vehicle position to the destination area.

COPYRIGHT NOTICE: This area includes information taken with permission from Canadian authorities, including ©Her Majesty the Queen in Right of Canada, ©Queen's Printer for Ontario.

END-USER TERMS

The data ("Data") is provided for your personal, internal use only and not for resale. It is protected by copyright, and is subject to the following terms and conditions which are agreed by you, on the one hand, and NSO CORPORATION [CLIENT]) and its licensors (including their licensors and suppliers) on the other hand.

© 2005 NAVTEQ. All rights reserved.

The Data for areas of Canada includes information taken with permission from Canadian authorities, including: ©Her Majesty the Queen in Right of Canada, Queen's Printer for Ontario, Canada Post Corporation, Geose®.

TERMS AND CONDITIONS

Personal Use Only. You agree to use this Data together with the navigation system for the solely personal, non-commercial purposes for which you were licensed, and not for service bureau, time-sharing or other similar purposes. Accordingly, but subject to the restrictions set forth in the following paragraphs, you may copy this Data only as necessary for your personal use to (i) view it, and (ii) save it, provided that you do not remove any copyright notices that appear and do not modify the Data in any way. You agree not to otherwise reproduce, copy, modify, decompile, disassemble or reverse engineer any portion of this Data, and may not transfer or distribute it in any form, for any purpose, except to the extent permitted by mandatory laws. Data provided in multi-disc sets may not be transferred or sold on a divided or single disc basis.

Restrictions. Except where you have been specifically licensed to do so by [CLIENT], and without limiting the preceding paragraph, you may not (a) use this Data with any products, systems, or applications installed or otherwise connected to or in communication with vehicles, capable of vehicle navigation, positioning, dispatch, real time route guidance, fleet management or similar applications; or (b) with or in communication with any positioning devices or any mobile or wireless-connected electronic or computer devices, including without limitation cellular phones, palmtop and handheld computers, pagers, and personal digital assistants or PDAs.

Warning. The Data may contain inaccurate or incomplete information due to the passage of time, changing circumstances, sources used and the nature of collecting comprehensive geographic data, any of which may lead to incorrect results.

No Warranty. This Data is provided to you "as is," and you agree to use it at your own risk. [CLIENT] and its licensors (and their licensors and suppliers) make no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise, including but not limited to, content, quality, accuracy, completeness, effectiveness, reliability, fitness for a particular purpose, usefulness, use or results to be obtained from this Data, or that the Data or

Disclaimer of Warranty: [CLIENT] AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, OF QUALITY, PERFORMANCE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. Some States, Territories and Countries do not allow certain warranty exclusions so to that extent the above exclusion may not apply to you.

Disclaimer of Liability: [CLIENT] AND ITS LICENSORS (INCLUDING THEIR LICENSORS AND SUPPLIERS) SHALL NOT BE LIABLE TO YOU IN RESPECT OF ANY CLAIM, DEMAND OR ACTION, IRRESPECTIVE OF THE NATURE OF THE CAUSE OF THE CLAIM, DEMAND OR ACTION ALLEGING ANY LOSS, INJURY OR DAMAGES, DIRECT OR INDIRECT, WHICH MAY RESULT FROM THE USE OR POSSESSION OF THE INFORMATION; OR FOR ANY LOSS OF PROFIT, REVENUE, CONTRACTS OR SAVINGS, OR ANY OTHER DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF YOUR USE OF OR INABILITY TO USE THIS INFORMATION, ANY DEFECT IN THE INFORMATION, OR BREACH OF THESE TERMS AND CONDITIONS, WHETHER IN ACTION IN CONTRACT, TORT OR BASED ON A WARRANTY, EVEN IF [CLIENT] OR ITS LICENSORS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

me States, Territories and countries do not allow certain liability exclusions or damages limitations, so to that extent the above may not apply to you.

Export Control. You agree not to export from anywhere any part of Data provided to you or any product thereof except in compliance with, and with all licenses and approvals required under, applicable export laws, rules and regulations.

Entire Agreement. These terms and conditions constitute the entire agreement between [CLIENT] and its licensors, including their licensors and suppliers) and you pertaining to the subject matter thereof, and supersedes in their entirety any and all written or oral agreements previously existing between us with respect to such subject matter.

Governing Law. The above terms and conditions shall be governed by the laws of the State of Illinois [insert "Netherlands" where European NAVTEQ Data is used], without giving effect to (i) its conflict of laws provisions, or (ii) the United Nations Convention for Contracts for the International Sale of Goods, which is explicitly excluded. You agree to submit to the jurisdiction of the State of Illinois [insert "the Netherlands" where European NAVTEQ Data is used] for any and all disputes, claims and actions arising from or in connection with the Data provided to you hereunder.

Government End Users. If the NAVTEQ Data is being acquired by or on behalf of the United States government or any other entity seeking or applying rights similar to those customarily claimed by the United States government, (i) for acquisitions conducted by the Department of Defense, the NAVTEQ Data is licensed with "Limited Rights" in accordance with the rights set forth at DFARS 252.227-7013(b)(3), TECHNICAL DATA-NONCOMMERCIAL ITEMS, and NAVTEQ Data delivered or otherwise furnished with "Limited Rights" shall be marked with the following "Limited Rights Notice" set forth at DFARS 252.227-7013(f)(3), and shall be treated in accordance with such Notice:

LIMITED RIGHTS

CONTRACT NO.:

CONTRACTOR (MANUFACTURER/ SUPPLIER) NAME:

NAVTEQ

CONTRACTOR (MANUFACTURER/SUPPLIER) ADDRESS:

222 Merchandise Mart Plaza,
Suite 900, Chicago, Illinois
60654

The Government's rights to use, modify, reproduce, release, perform, display, or disclose these technical data are restricted by paragraph (b)(3) of the Rights in Technical Data-Noncommercial Items clause contained in the above identified contract. Any reproduction of technical data or portions thereof marked with this legend must also reproduce the markings. Any person, other than the Government, who has been provided access to such data must promptly notify the above named Contractor.

and; (ii) for civilian agency acquisitions, the NAVTEQ Data is licensed in accordance with rights set forth at FAR 52.227-14(g)(1), RIGHTS DATA-GENERAL (*Protection of limited rights data and computer software*). In the event that Contracting Officer requires delivery of limited rights NAVTEQ Data that has been withheld in accordance with FAR 52.227-14(g)(1), the NAVTEQ Data is licensed with "Limited Rights" as set forth in the following "Limited Rights Notice" FAR 52.227-14(g)(2) (Alternative II), which shall be affixed to NAVTEQ Data and the NAVTEQ Data shall be treated in accordance with such Notice (which shall be marked on any reproduction of the NAVTEQ Data, whole or in part):

LIMITED RIGHTS NOTICE (JUN 1987)

These data are submitted with limited rights under Government Contract No. _____ (and subcontract _____, if appropriate). These data may be reproduced and used by the Government on the express limitation that you will not, without written permission of the Contractor, be used for purposes of manufacture nor disclosed outside the Government; except that the Government may disclose these data outside the Government for the following purposes, if any, provided that the Government makes such disclosure subject to prohibition against further use and disclosure: *There are no additional purposes permitting disclosure of such Data.*

The manufacturer/supplier of the data is NAVTEQ, 222 Merchandise Mart Plaza, Suite 900, Chicago, Illinois 60654.

If the Contracting Officer refuses to use either of the licenses provided in (i) or (ii), herein, the Contracting Officer must notify NAVTEQ North America, LLC prior to seeking additional or alternative rights in the NAVTEQ Data.

END USER LICENSE AGREEMENT

PLEASE READ THIS AGREEMENT CAREFULLY BEFORE USING THE NAVIGATION SYSTEM

THIS IS A LICENSE AGREEMENT FOR YOUR COPY OF THE SPATIAL MAP DATABASE, INCLUDING LOCATION CODES AND RELATED PRODUCTS (COLLECTIVELY, THE "DATABASE"), USED IN THE NAVIGATION SYSTEM. BY USING THE NAVIGATION SYSTEM AND THE DATABASE, YOU ACCEPT AND AGREE TO BE BOUND BY ALL TERMS AND CONDITIONS SET FORTH BELOW.

LICENSE GRANT

Denso Corporation ("Denso"), as a licensed distributor of the DATABASE, grants to you a non-exclusive, non-perpetual license to use your copy of the DATABASE for your personal use or for your use in your business' internal operations and not for any other purpose. This license does not include the right to grant sub-licenses.

OWNERSHIP

The DATABASE and the copyrights and intellectual property and neighboring rights therein are owned by Tele Atlas North America, Inc. ("TANA") and its licensors. This Agreement does not transfer any title or interest in the DATABASE, except for the license to use the DATABASE according and subject to the terms and conditions of this Agreement. You shall not alter, obscure or remove any copyright notices, trademark notices or other restrictive legends relating to the DATABASE.

The DATABASE comprises confidential and proprietary information and materials of TANA. Accordingly, you shall hold the DATABASE in confidence and trust. You shall take reasonable steps to protect the DATABASE from misappropriation or misuse. You shall not extract stand-alone data from or publish any part of the DATABASE without the prior written consent of TANA and its licensors.

LIMITATIONS ON USE

The DATABASE is restricted for use in the specific system for which it was created. Except to the extent explicitly permitted by mandatory laws, you may not extract or reutilize any portion of the contents of the DATABASE, nor reproduce, copy, duplicate, modify, adapt, translate, disassemble, decompile, or reverse engineer any portion of the DATABASE.

TRANSFER

You may not transfer the DATABASE to third parties, except together with the system for which it was created, provided that you do not retain any copy of the DATABASE, and provided the transferee agrees to all terms and conditions of this AGREEMENT.

DISCLAIMER OF WARRANTY

THE DATABASE IS PROVIDED ON AN "AS IS" AND "WITH ALL FAULTS" BASIS AND DENIES ANY AND TANA (AND THEIR LICENSORS AND SUPPLIERS) EXPRESSLY DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY, SATISFACTORY QUALITY, ACCURACY, TITLE AND FITNESS FOR A PARTICULAR PURPOSE. NO ORAL OR WRITTEN ADVICE OR INFORMATION PROVIDED BY DENSO OR TANA (OR ANY OF THEIR LICENSORS, AGENTS, EMPLOYEES OR THIRD PARTY PROVIDERS) SHALL CREATE A WARRANTY, AND YOU ARE NOT ENTITLED TO RELY ON ANY SUCH ADVICE OR INFORMATION. THIS DISCLAIMER OF WARRANTIES IS AN ESSENTIAL CONDITION OF THIS AGREEMENT.

MITIGATION OF LIABILITY

NO EVENT SHALL DENSO OR TANA (OR THEIR LICENSORS OR SUPPLIERS) BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR EXEMPLARY DAMAGES ARISING OUT OF THIS AGREEMENT OR YOUR USE OF THE DATABASE, INCLUDING, WITHOUT LIMITATION, NET PROFITS OR COSTS OF REVENUE, LOSS OF USE OR BUSINESS INTERRUPTION OR THE LIKE, REGARDLESS OF WHETHER THE PARTY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

NO EVENT WILL THE TOTAL LIABILITY OF DENSO OR TANA OR THEIR LICENSORS OR SUPPLIERS) EXCEED THE AMOUNTS PAID BY YOU FOR THE DATABASE.

WARNINGS

The DATABASE comprises facts and information from government and other sources reflecting circumstances in existence before you received the DATABASE, which may contain errors and omissions. Accordingly, the DATABASE may contain inaccurate or incomplete information due to the passage of time, changing circumstances, and due to the nature of the sources used. The DATABASE does not include or reflect information relating to, among other things, neighborhood safety; law enforcement; emergency assistance; construction work; road or lane closures; vehicle or speed restrictions; road slope or grade; bridge height, weight or other limits; road or traffic conditions; special events; traffic congestion; or travel time.

U.S. GOVERNMENT RIGHTS

If you are an agency, department, or other entity of the United States Government, or funded in whole or in part by the United States Government, then use, duplication, reproduction, release, modification, disclosure or transfer of this commercial product and accompanying documentation, is restricted in accordance with the LIMITED or RESTRICTED rights as described in DFARS 252.227-7014(a)(1) (JUN 1995) (DOD commercial computer software definition), DFARS 227.7202-1 (DOD policy on commercial computer software), FAR 52.227-19 (JUN 1987) (commercial computer software clause for civilian agencies), DFARS 252.227-7015 (NOV 1995) (DOD technical data - commercial items clause); FAR 52.227-14 Alternates I, II, and III (JUN 1987) (civilian agency technical data and noncommercial computer software clause); and/or FAR 12.211 and FAR 12.212 (commercial item acquisitions), as applicable.

In case of conflict between any of the FAR and DFARS provisions listed herein and this Agreement, the construction that provides greater limitations on the Government's rights shall control. Contractor/manufacturer is Tele Atlas North America, Inc., 11 Lafayette Street, Lebanon, NH 03766-1445. Phone: 603.643.0330. The DATABASE is ©1984-2005 by Tele Atlas North America, Inc. ALL RIGHTS RESERVED. For purpose of any public disclosure provision under any federal, state or local law, it is agreed that the DATABASE is a trade secret and a proprietary

If you are an agency, department, or other entity of any S government, the United States Government or any other public entity or funded in whole or in part by the United States Government, then you hereby agree to protect the DATABASE from public disclosure and to consider the DATABASE exempt from any statute, law, regulation, or contract including any Sunshine Act, Freedom of Information Act, Freedom of Information Act, or equivalent which permits public access and reproduction or use of the Licensed Products. In the event that such exemption is challenged under any such laws, this Agreement shall be considered breached and any and all rights to retain any copies or to use of the DATABASE shall be terminated and considered immediately null and void. Any copies of the DATABASE held by you shall immediately be destroyed. If a court of competent jurisdiction considers this clause void or unenforceable, in whole or in part, for any reason, this Agreement shall be considered terminated and null and void, in entirety, and any and all copies of the DATABASE shall immediately be destroyed.

D USER NOTICE

PLEASE READ THIS NOTICE CAREFULLY BEFORE USING THIS NAVIGATION SYSTEM

The Point Of Interest Data (POI Data) in the navigation system is in part provided by infoUSA Inc. ("infoUSA"). By using the POI Data, you accept and agree to all terms and conditions set forth below.

OWNERSHIP

All rights, title and interest to the infoUSA POI Data shall be retained by infoUSA.

LIMITATIONS ON USE

Except to the extent explicitly permitted by mandatory laws, you may not extract or reutilize any portion of the contents of the POI Data, nor reproduce, copy, modify, adapt, translate, disassemble, decompile, or reverse engineer any portion of the POI Data.

3. TRANSFER

You may not transfer the POI Data to third parties, except together with the system for which it was created, provided that you do not retain any copy of the POI Data.

4. DISCLAIMER OF WARRANTY

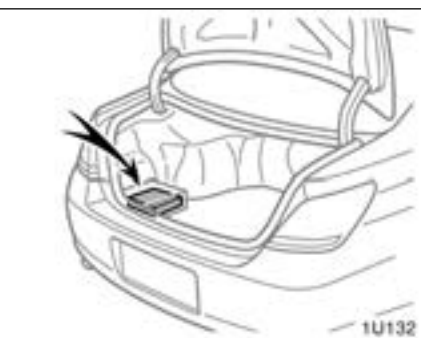
EXCEPT AS STATED HEREIN, INFOUSA MAKES NO EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR WARRANTY OF MERCHANTABILITY.

5. LIMITATION OF LIABILITY

EITHER INFOUSA OR SUPPLIER OF POI DATA SHALL NOT BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES MADE OR ALLEGED IN CONNECTION WITH YOUR USE OF THE POI DATA.



In order to provide you with accurate map information as much as possible, we are always gathering information such as on road repairs and carrying out on-site investigations. However, the names of roads, streets, facilities, and their locations are often changed. In some places, construction on roads may be in progress. For that reason, information on some areas in this system might be different from the actual location.



The map database is normally updated once a year. Contact your Toyota dealer for information about the availability and pricing of an update.



“DVD”: To determine which version of the database is currently in your vehicle, select the **“DVD”** switch on the “Menu” screen. The “DVD information” screen appears and displays the map database version.

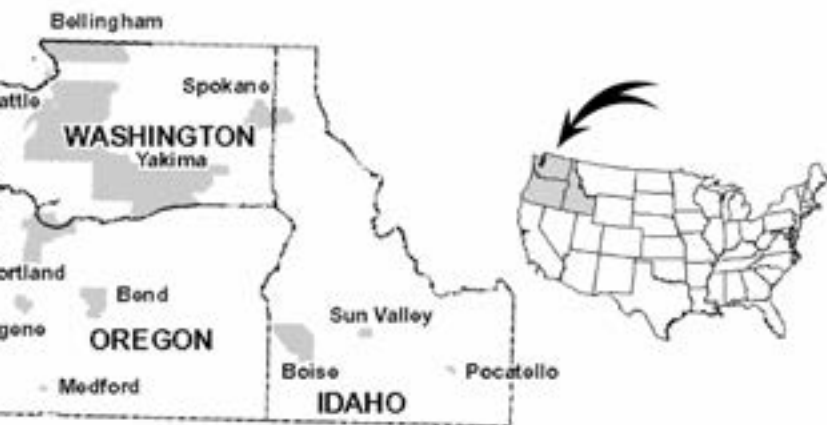
ROUTE GUIDANCE AVAILABILITY

Route guidance available area for limited roads and for main roads are provided.

The software covers the route guidance available area as shown in the following “Route guidance availability” illustration.

Route guidance available areas may change due to the upgrading of the map data.

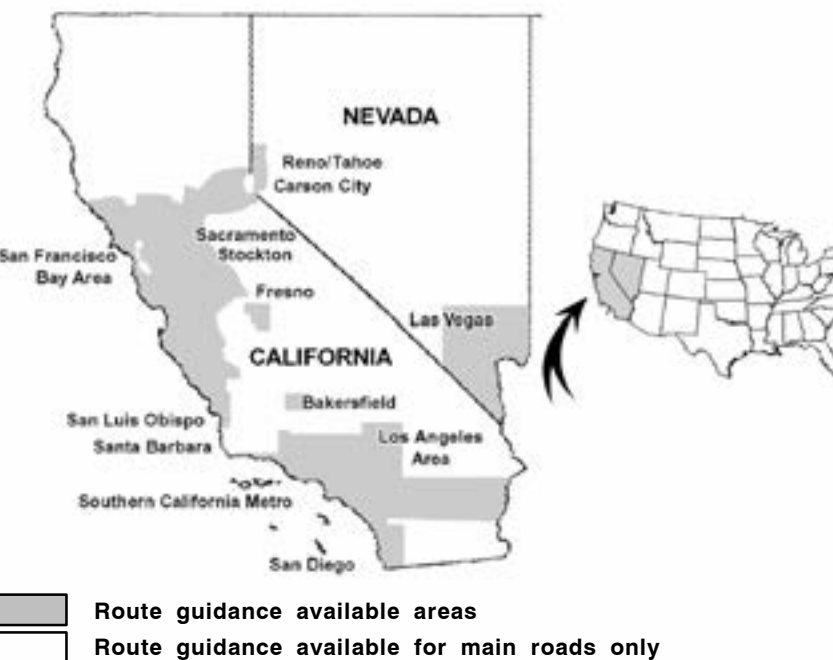
Route guidance availability (US1)



Route guidance available areas

Route guidance available for main roads only

Route guidance availability (US2)



Route guidance availability (US3)



Route guidance available areas

Route guidance available for main roads only

Route guidance availability (US4)



Route guidance availability (US5)



Route guidance available areas

Route guidance available for main roads only

Route guidance availability (US6)



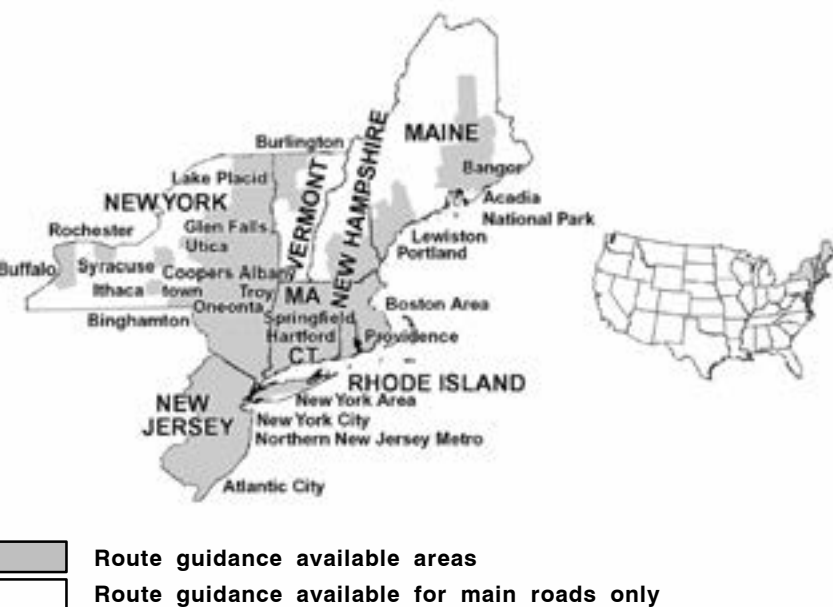
Route guidance availability (US7)



Route guidance available areas

Route guidance available for main roads only

Route guidance availability (US8)

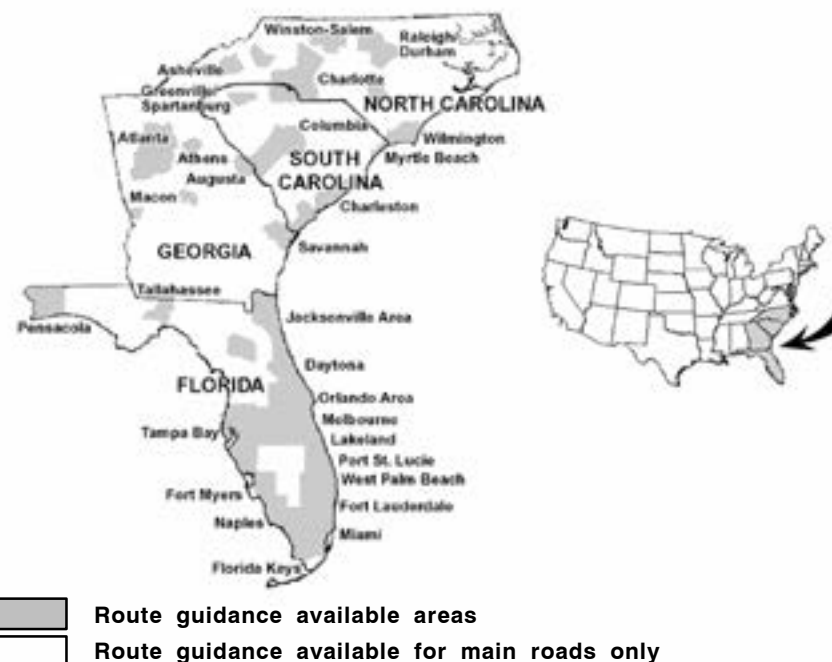


Route guidance availability (US9)



-  Route guidance available areas
-  Route guidance available for main roads only

Route guidance availability (US10)



Route guidance availability (Canada)



Route guidance available areas

Route guidance available for main roads only

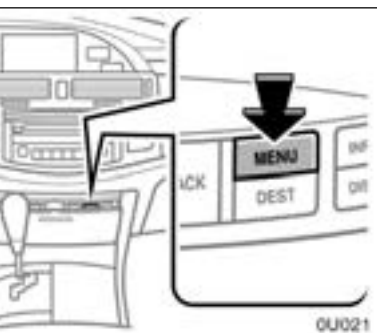
ADVANCED FUNCTIONS

Descriptions of functions for more effective use

● Marked points	84
● Preset destinations	90
● Area to avoid	92
● Current position calibration	93
● Edit route	97
● Setting a preferred road	99
● Search condition	101
● Route overview	102
● Route preview	102

Marked points

can register and keep your own marked points of interest list (like restaurants, sports facilities, etc.) and use marked points to input a destination.



the “MENU” button on the navigation controller.

(a) Registering marked points



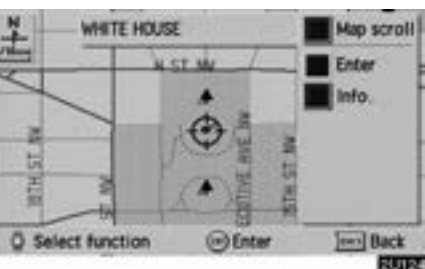
1. Select the “Marked points” switch.



2. Select the “Register” switch of the “Marked points”.



A screen similar to that for destination input appears. Input the address of the marked point in the same way as any destination input. See page 18.



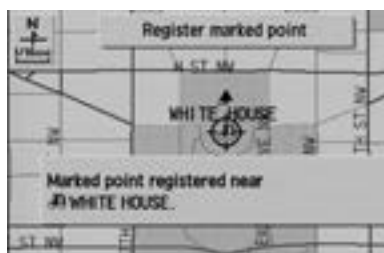
8. Select the “Enter” switch on the screen and push the “ENTER” button on the navigation controller.



The screen to register an icon appears a couple of seconds later.

Select your desired icon.

You can turn the page by selecting “Page 1” or “Page 2” switch.



INFORMATION

Up to 100 marked points can be registered.



By selecting the “**With sound**” switch, you can set your desired sound. When your vehicle approaches the marked point, the sound which you chose will sound.

(with direction)”: The bell sounds when your vehicle approaches to the marked point from your setting direction.



Rotate the select and scroll lever of the navigation controller, so that the direction is facing to your desired direction.

Press the “**ENTER**” button on the navigation controller and the map screen returns to the “Marked points” screen.

(b) Editing marked points

Once a marked point is registered, you can edit the icon, name or telephone number.

1. Select the “**Marked points**” switch.



2. Select the “**Edit**” switch of the “Marked points”.



The screen lists the marked points.

Sort by "Icon": Select this switch to list the marked points in order of the type of icon.

Sort by "Date": Select this switch to list the marked points in order of the registered date.

Sort by "Name": Select this switch to list the marked points in alphabetical order.

Select ☐ switch of the desired marked point to display the edit marked point screen.



8. Select the **"Change"** switch which you want to edit.

CHANGING THE ICON



Select your desired icon.

CHANGING THE NAME



Select alphabet or numeral keys to put the name.

After you finish your entry, select **"OK"** switch on the screen.

The previous screen will be displayed.

CHANGING THE PHONE NUMBER





Select numeral keys.

After you finish your entry, select **"OK"** switch on the screen.

ING THE LOCATION tion/map location)



ate the select and scroll lever to
e the cursor  to the desired point
e map.

the **“ENTER”** button on the navi-
n controller when the cursor  is at
desired point.

previous screen will be displayed.

W NAME

can set the name of marked point
r to show or not on the screen.

how the name, select the **“On”**
ch. Not to show it, select the **“Off”**
ch.


(c) Deleting marked points

1. Select the **“Marked points**
switch.



2. Select the **“Delete”** switch of the
“Marked points”.




3. Select  switch of the marked
point to delete. If you want to delete a
of the marked points, select the **“De**
lete all” switch.

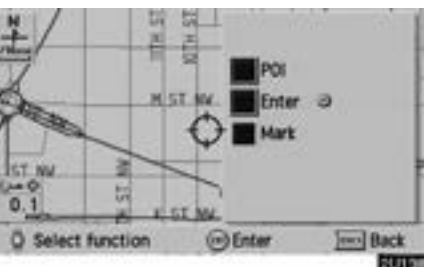
To delete only specified marked points,
use the sort by **“Icon”**, **“Date”** or
“Name” switch to display the screen, so
that you can easily find the marked points.

Messages appear depending on the type
of deletion. If you want to delete, select the
“Yes” switch. To cancel the deletion, se-
lect the **“No”** switch.

d) Quick marked point registration

You can register your current position or any points (See “Screen scrolling” on page 56.) from the map screen.

1. Move the cursor  to the desired point, and if you wish to register that point, push the “**ENTER**” button on the navigation controller.

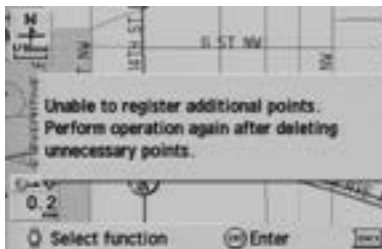


2. Select the “**Mark**” switch.



When you select the “**Mark**” switch, the above screen appears for a few seconds, and then the map screen will be displayed.

To change the icon or name, etc., see “(b) Editing marked points” on page 86.

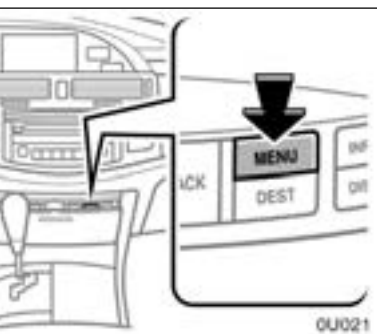


You can register up to 100 marked points. If you attempt to register more than 100 points, a message appears for confirmation.

If you want to register a new point, push the “**MENU**” button on the navigation controller to display the menu screen and select the “**Marked points**” switch. To delete several old points by following the “Deleting marked points” on page 86.

Preset destinations

can set up to 5 destinations before-



the **“MENU”** button on the navigation controller.

Registering preset destinations

Select the **“Marked points”** screen.



Select the **“Register”** switch of the preset destination.



3. Select the ①–⑤ switch to register the preset destination you want.

If you have already registered the preset destination, you can overwrite on the preset registered destination.



4. Input the preset destination in the same way as the destination input. (See pages 22 through 38.)

b) Editing preset destinations

1. Select the “Marked points” switch.



2. Select the “Edit” switch of “Preset dest.”.



3. Select the ☐ switch that you want to edit.

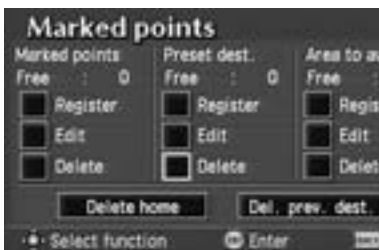


You can change the name, location and phone No. of the preset destination.

Select the “Change” switch. (See page 86.)

(c) Deleting preset destinations

1. Select the “Marked points” switch.



2. Select the “Delete” switch of “Preset dest.”.

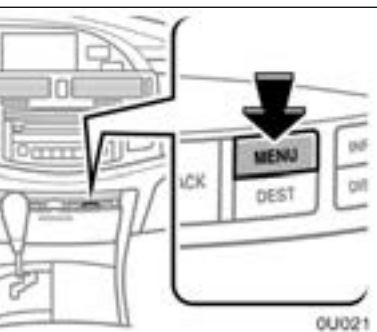


3. Select the preset destination you want to delete and select the ☐ switch.

Messages appear depending on the result of deletion. If you want to delete, select the “Yes” switch. To cancel the deletion, select the “No” switch.

Area to avoid

Areas you want to avoid due to traffic jams, construction work or other reasons can be registered as avoid areas.



Press the “MENU” button on the navigation controller and then select the “Marked points” switch to display the following screen.



INFORMATION

Some areas and freeways may not be able to be set as an avoid point.

If the route calculation cannot be made without running through the area to avoid, a route passing through the area to avoid may be shown.

(a) Registering area to avoid

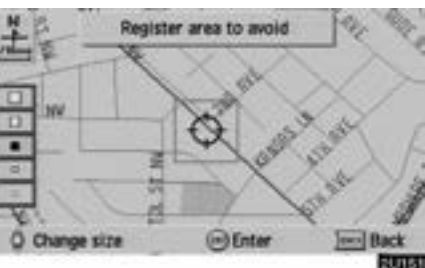
1. Select the “Register” switch on the “Area to avoid”.




2. Enter the location in the same way as you input any destination or display the map of the area you want to avoid. (See pages 22 through 38.)

INFORMATION

Only 10 points can be registered as area to avoid. If there are 10 points already registered, the message “Unable to register additional points. Perform operation again after deleting unnecessary points.” appears on the screen.



3. When any of the “detour gauge” at the left side of the screen is selected, a box appears around the cursor . This is to determine the area to avoid. Select the “detour gauge” you desire.

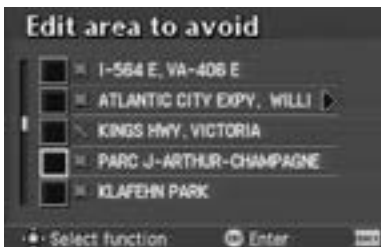
When you push the “**ENTER**” button on the navigation controller, the message appears.

INFORMATION

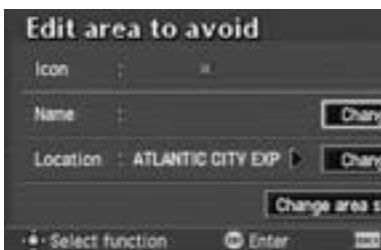
When the above screen is displayed, if the map scale is larger than 1/80,000, the message “Position cannot be specified in this scale. Switch to more detailed map.” appears on the screen. Set the map scale, so that it is more detailed than 1/80,000.

(b) Editing area to avoid

1. Select the “**Edit**” switch on the “Area to avoid” to display the “Edit area to avoid” screen.



2. Select the area to avoid  s you want to edit.



3. Select the “Name”, “Location”, or “Change area size” on this screen.

CHANGING THE NAME

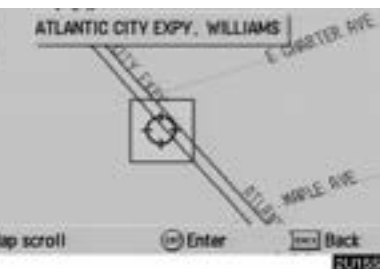


Use the alphabet or numeral keys to input the name.

After you finish your entry, select the "Enter" switch on the screen.

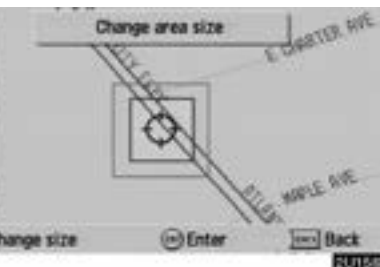
The previous screen will be displayed.

CHANGING THE LOCATION



Move the cursor to your desired point, then push the "ENTER" button of the location controller.

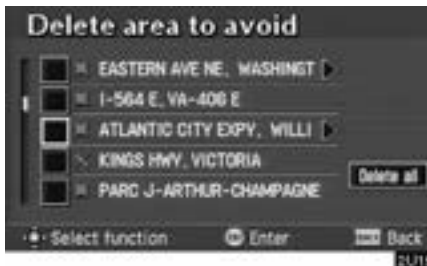
CHANGING THE AREA SIZE



Select one of the "detour gauge" on the left of this screen if you want to change

(c) Deleting area to avoid

1. Select the "Delete" switch of the "Area to avoid" to display the "Delete area to avoid" screen.



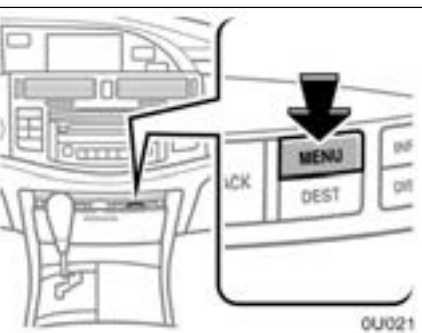
2. Select the area you want to delete from the list.

"Delete all": All registered areas to avoid in the system are deleted.

3. Messages appear depending on the type of deletion. If you want to delete, select the "Yes" switch. To cancel the deletion, select the "No" switch.

Current position calibration

The current vehicle position mark will be automatically corrected while driving on reception of GPS signals. If your vehicle cannot receive GPS signals, you can correct the current position mark manually.



1. Push the “MENU” button on the navigation controller.



2. Select the “Setup” switch.



3. Select the “Calib.” switch on the right side of the screen.

The next screen appears.

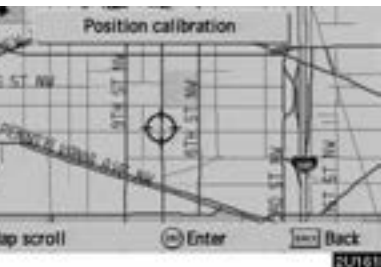


4. Select the “Position/Direction” switch.

INFORMATION

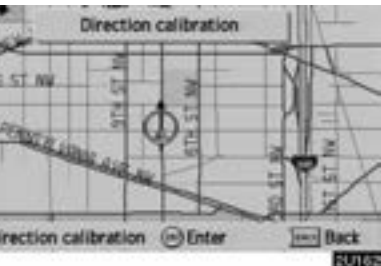
For additional information on current position accuracy, see “Limitations of the navigation system” on page 41.

POSITION/DIRECTION CALIBRATION



Move the cursor mark  to your destination point by operating the select and scroll lever of the navigation controller.

Press the **“ENTER”** button on the navigation controller.



Operate the select and scroll lever of the navigation controller, so that the current direction is facing your destination direction.

Press the **“ENTER”** button on the navigation controller, and then the map screen will be displayed.

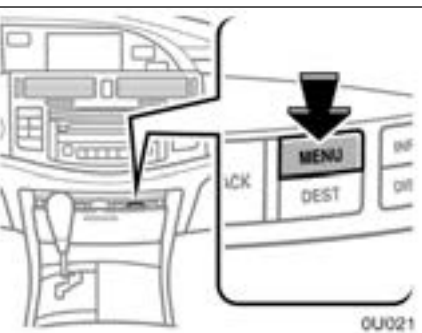
TIRE CHANGE CALIBRATION

The tire change calibration function should be used when the tires are replaced. This will adjust for any possible change in tire circumference from the old tires to the new ones. If this procedure is not performed when tires are replaced, the current vehicle position mark may become incorrect.

To execute the fast distance tire calibration procedure, select the **“Tire change”** switch on the “Calibration” screen.

The message appears and the fast distance calibration is automatically started. A few seconds later, the map screen will be displayed.

Edit route



1. Push the **"MENU"** button on the navigation controller.



2. Select the **"Edit route"** switch on the screen.

(a) Adding a destination



1. Select the **"Add"** switch of destination.

2. Input an additional destination the same way as the destination input. (See page 39.)



3. The **"Add destination"** screen appears. Select the **"Add"** switch on the right side of the screen that you want to add as destination.

Reordering a destination



Select the “Reorder” switch of “Destination”.



Choose the destinations in the order of arrival by selecting the switch on the left side of the screen.

After you finished selecting the destinations, select the “OK” switch.

The previous screen will be displayed.

(c) Deleting a destination



1. Select the “Delete” switch of “Destination”.



2. Select the switch of the destination that you want to delete.

Select the “Del. all” switch if you want to delete all destinations.

3. Messages appear depending on the type of deletion. If you want to delete a destination, select the “Yes” switch. To cancel the deletion, select the “No” switch.

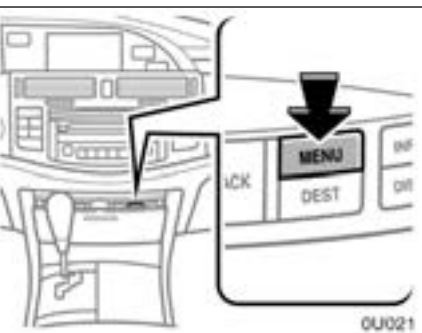
To delete a previous destination:

1. Push the “MENU” button to display the “Menu” screen and select the “Marked points” switch on the screen.

2. Select the “Del. prev. dest.” switch.

3. Do the same procedure as deleting a destination.

Setting a preferred road



1. Push the “MENU” button on the navigation controller.



2. Select the “Edit route” switch on the screen.

(a) Adding a preferred road



1. Select the “Add” switch of the preferred road” and then the following screen appears.

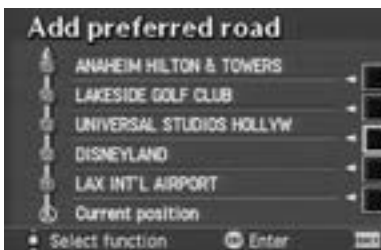


2. Move the cursor to your desired location and push “ENTER” button on the navigation controller.

Messages appear to confirm your registration on the screen.

Select the “Enter” switch to register the road.

Select the “Next” switch if you want to change the road.



Modifying a preferred road



Select the **“Modify”** switch of the preferred road. The **“Modify preferred road”** screen appears.



Select the preferred road which you want to modify and select the ☐ switch.



Follow the same procedure as **“(a) Add preferred road”**. (See page 99.)

(c) Deleting a preferred road



1. Select the **“Delete”** switch of the preferred road. The **“Delete preferred road”** screen appears.

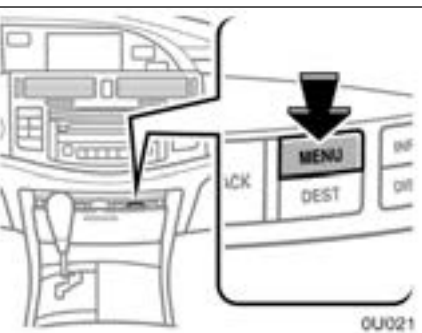


2. Select the preferred road which you want to delete.

Select the **“Del. all”** switch if you want to delete all the preferred roads.

3. Messages appear depending on the type of deletion. If you want to delete the preferred road, select the **“Yes”** switch. To cancel the deletion, select the **“No”** switch.

Search condition



1. Push the “MENU” button on the navigation controller.



2. Select the “Edit route” switch on the screen.



3. Select the “Search condition” switch of “Condition”. The “Search condition” screen appears.



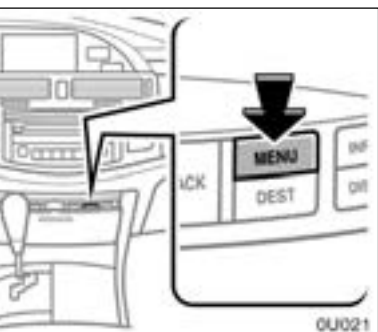
“Quick”: A route on which you can reach the destination in the shortest time.

“Short”: A route on which you can reach the destination in the shortest distance.

4. Select the “Quick” or “Short” switch and select the “OK” switch.

Route overview

You can see the entire route from the starting point to the destination.



Push the **"MENU"** button on the navigation controller.



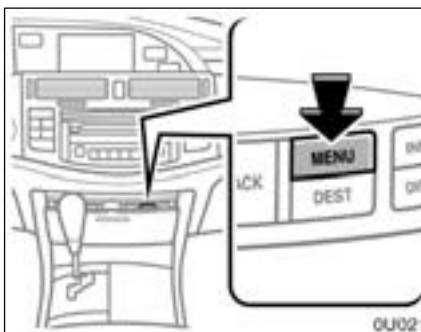
Select the **"Route overview"** option on the screen. The route overview screen appears.



The entire route from the starting point to the destination is displayed.

Route preview

You can preview the route from the starting point to the destination.










1. Push the **"MENU"** button on the navigation controller.



2. Select the **"Route preview"** option on the screen. The route preview screen appears.



-  To display the next destination
-  To preview the route to the next destination
-  To preview the route to the next destination fast
-  To stop previewing
-  To preview the route to the previous departure position
-  To preview the route to the previous departure position
-  To display the previous departure position



3. Select the **“Edit”** switch. The **“route preview”** screen appears.

“To next POI”: To preview the next

“To next”: To preview the next destination

If the points of interest you selected are on the route, they are displayed on the screen.

“Select POI”: To select the POI icon

“Delete”: To delete the POI icon



4. Select your desired category of point of interest.



5. Select your desired icon from

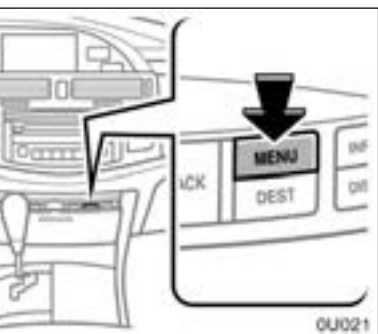
MORE ADVANCED FUNCTIONS

Convenient features

● Setup	100
● Map color	107
● Automatic rerouting	107
● Time to destination	108
● Adjust time zone	110
● Distance	111
● Notify seasonal restrict	111
● Voice guide in all modes	112
● Current street name	113
● Maintenance information	114
● Dealer setting	117
● Calendar with memo	121

up

can set the values shown on the “up” screen.



Select the “MENU” button on the navigation controller.



Select the “Setup” switch to display the “Setup” menu screen. Select the items you want to set. Selected items are highlighted in green.



Select the “OK” switch on the screen and then the previous screen will be displayed.

“Default”: Select the “Default” switch on the right side of the screen. All of the settings can be defaulted.

“Map color” (day or night): You can select your desired map color.

“Auto reroute”: You can set the system will or will not automatically search for a new route to the destination.

“Estimated travel time”: You can set to display the time required to reach the destination on the route guidance screen.

“Adjust time zone”: You can select your desired time zone.

“Distance”: You can change “km” or “miles” to display your desired units.

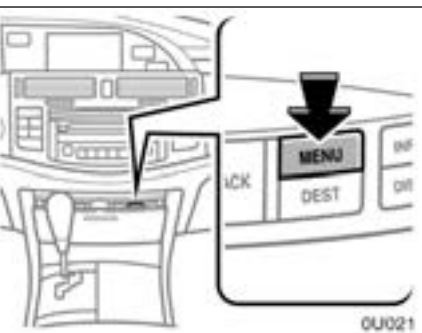
“Notify seasonal restrict”: You can select to notify or not to notify a seasonal restriction.

“Voice guide in all modes”: You can select to display the voice guide in all modes or not.

“Current street name”: You can select to show or not to show a current street name on the map screen.

“Operation guide on map”: Display or non-display of the operation guide on the map display can be selected.

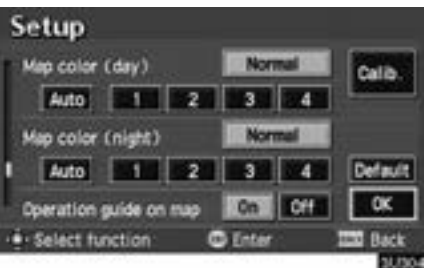
Map color



1. Push the **"MENU"** button on the navigation controller.



2. Select the **"Setup"** switch.



3. Select your desired day and/or night map color and then select the **"OK"** switch to return the map screen.

Select the **"Normal"** switch to default the map color.

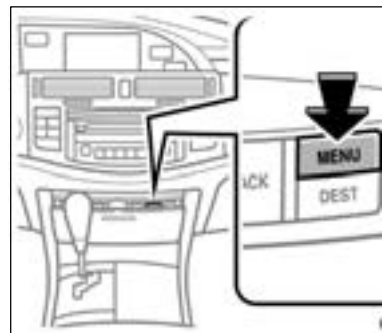
Select the **"Auto"** switch to select the map color automatically.

When you select the **"Auto"** switch, the

Automatic rerouting

When the **"Auto reroute"** feature is turned on, the system will automatically search for a new route to the destination if you leave the guidance lane. This feature does not operate while you are driving on roads where the data is not available.

To turn the **"Auto reroute"** mode



1. Push the **"MENU"** button on the navigation controller.



2. Select the **"Setup"** switch.



Select the “On” switch of “Auto reroute”.

The selected switch is highlighted in green.

INFORMATION

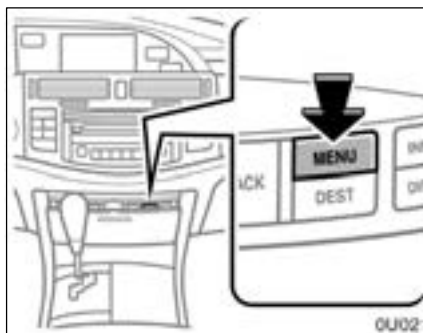
When your vehicle leaves the guidance lane, the system searches for a new route to the destination. The new route may or may not take you back to the previous route depending on how far you are off the original guidance lane.

Time to destination

When the “Estimated travel time” feature is turned on, the time estimated to reach the destination is displayed on the route guidance screen.



To turn the “Estimated travel time” mode on:



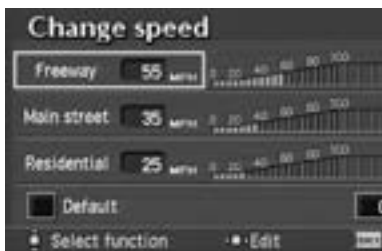
1. Push the “MENU” button on the navigation controller.



2. Select the “**Setup**” switch.



3. Select the “**Change speed**” switch on the “**Setup**” screen.



4. You can set the speed as your own by operating the select and scroll of the navigation controller. Select item by moving the lever vertically and move the lever horizontally to set speed.

If you select the “**Default**” switch, the default speed is set at each item.

5. After you finish setting the default speeds, select the “**OK**” switch on the right side of the screen.

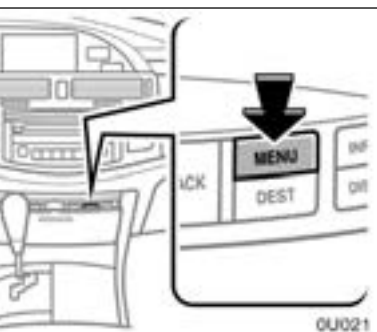
6. The “**Setup**” screen will be displayed. Select the “**On**” switch of “**Estimated travel time**”.

Selected switch is highlighted in green.

INFORMATION

- The displayed time to the destination is the approximate driving time calculated based on the speeds you selected and your actual position along the guidance route.
- The time shown may vary greatly depending on your progress along the route (which may be affected by road conditions such as traffic jams, construction work, etc.).
- Up to 99 hours 59 minutes can be displayed.

Adjust time zone



Push the **"MENU"** button on the navigation controller.



Select the **"Setup"** switch.





3. Select the **"Adjust"** switch. The **"Adjust time zone"** screen appears on the display.

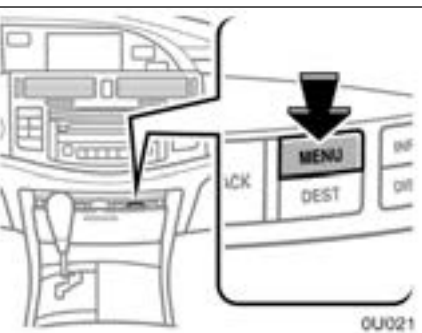


4. Select your desired time zone.

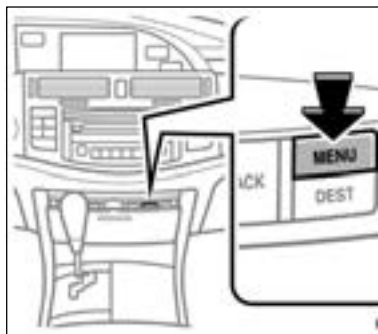
Selected switch is highlighted in green.

"Daylight saving time": Select the **"On"** switch on the screen and then select  or  to set the day light saving time.

5. Select the **"OK"** switch on the screen and the **"Setup"** screen will be displayed.



1. Push the “**MENU**” button on the navigation controller.



1. Push the “**MENU**” button on the navigation controller.



2. Select the “**Setup**” switch on the screen.



2. Select the “**Setup**” switch on the screen.



3. Choose the “**km**” or “**miles**” switch of “**Distance**” to select your desired units.

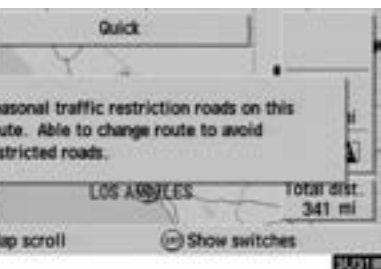
Selected switch is highlighted in green.

4. Select the “**OK**” switch.

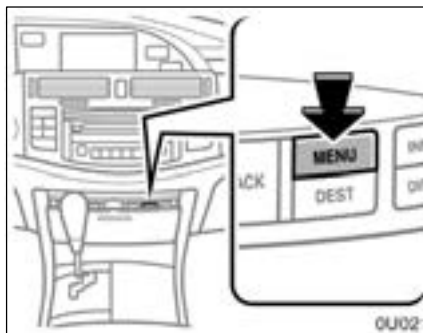
Voice guide in all modes



Select the “On” switch of “Notify seasonal restrict.” and select the “OK” switch.



Restricted road icon and the message appear on the screen.



1. Push the “MENU” button on the navigation controller.

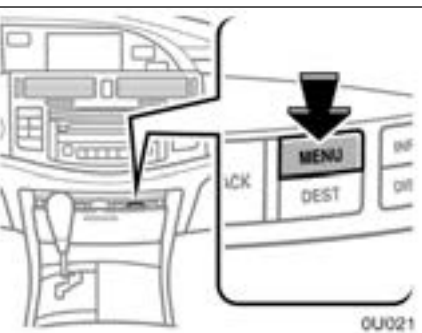


2. Select the “Setup” switch on the screen.



3. Select the “On” switch of “Voice guide in all modes” and select the “OK” switch.

Current street name



1. Push the **"MENU"** button on the navigation controller.



2. Select the **"Setup"** switch on the screen.



3. Select the **"On"** switch of **"Current street name"** and select the **"Enter"** switch.



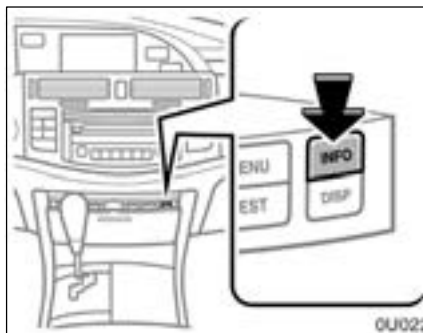
The current street name appears on the map screen.

Maintenance Information



The system has a function which informs you of the time to replace certain components as well as other information shown on the screen. (See "Information items" on page 116.) When the system begins operating after reaching either the information date or driving distance, the "Information" screen will be displayed.

The "Information" screen will not be displayed or start up by selecting the "Do not display this message again" button.



1. Push the "INFO" button on the navigation controller.



2. Select the "Maintenance" switch to display the "Maintenance" screen.




8. Select your desired icon and input the conditions.



Date” of notice: Input the next maintenance date.

Distance” of notice: Input the driving distance until the next maintenance check.

When you select the  switch on the “Maintenance” screen, the screen changes to display the change name screen. Select the keys to input your desired name and then input the conditions.

After you input that information, select the **“OK”** switch. The screen then returns to the “Maintenance” screen. The icon’s color will change to green after the date or driving distance is inputted. The icon’s color will change to orange when your vehicle needs to be serviced. The following switches appear on the screen.

“Delete all”: Cancel all conditions which have been inputted.

“Reset all”: Reset all items which satisfy either condition.

Select the **“Off”** switch at the top of the “Maintenance” screen, and the information screen will no longer be displayed.

INFORMATION

- **For scheduled maintenance information, please refer to the “Owner’s Manual Supplement” “Scheduled Maintenance”.**
- **Depending on your driving conditions and road conditions, the system may have a time-lag between the actual date and driving distance.**

Information items



Scheduled maintenance



Replace engine oil



Replace engine oil filter



Rotate tires



Replace tires



Replace battery



Replace brake lining



Replace wiper blades



Replace engine coolant



Replace brake fluid



Replace ATF

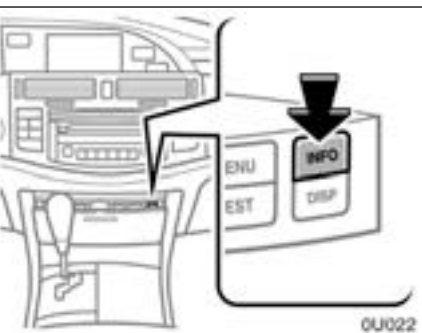


Replace air filter



Personal

Dealer setting



1. Push the **“INFO”** button on the navigation controller.



2. Select the **“Maintenance”** switch to display the **“Maintenance”** screen.

(a) Register dealer

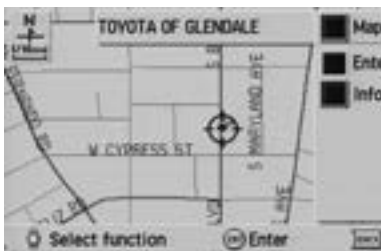
You can register your dealer's name, address, location and phone number.



1. Select the **“Set dealer”** switch on the **“Maintenance”** screen.



2. Enter your dealer's location and address in the same way as you input a destination. (See pages 22 through 24.)



After you enter your dealer, the screen changes and displays the map location of the dealer. If it is OK, select the **“Enter”** switch at the right of the screen.

The current screen changes to the screen when you can edit the data of your dealer.

Edit dealer



can edit your dealer's name, staff, location and phone number if you already registered the dealer.

Select the **"Set dealer"** switch on the "Maintenance" screen. The **"Edit dealer"** screen appears on the display.



Select the **"Change"** switch to edit the item.

EDITING THE NAME OF THE DEALER OR CONTACT




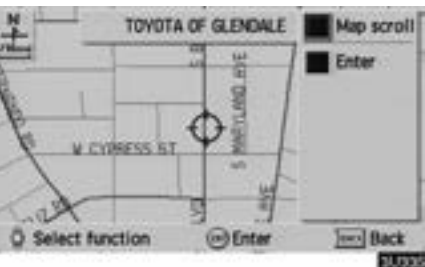
Select alphabet, numeral or umlaut keys directly to input the name.

After you finish your entry, select the **"OK"** switch at the bottom right of the screen. The previous screen will be displayed.

EDITING THE LOCATION



1. Move the cursor  to the desired point, and if you want to register that point, push the “ENTER” button on the navigation controller.



2. Select the “Enter” switch.

EDITING THE PHONE NUMBER



Select numeral keys.

After you finish your entry, select the “OK” switch at the bottom right of the screen. The previous screen will be played.

Delete dealer



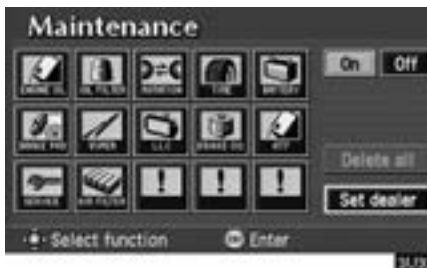
Select the “Set dealer” switch on the “Maintenance” screen.



Select the “Delete dealer” switch on the screen.

A selected point will appear. Also, a page will appear on the bottom of the screen. To delete, select the “Yes” switch. To cancel deletion, select the “No” switch.

(d) View map



1. Select the “Set dealer” switch on the “Maintenance” screen.

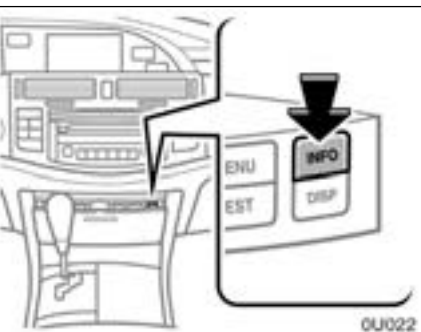


2. Select the “View map” switch on the “Edit dealer” screen. The screen changes and displays the map location of the registered dealer and the route preference. (See “Entering destination” on page 39.)



This system has a function which informs you the memo you entered. When the system begins operating after reaching the memo's date, the "Information" screen will be displayed.

The "Information" screen will not be displayed again by selecting the **"Do not display this message again"** switch.



1. Push the **"INFO"** button on the navigation controller.



2. Select the **"Calendar"** switch to display the **"Calendar"** screen.



Today's date is highlighted. If today's date is not displayed on the screen, **"Today"** switch to display a calendar for this month.

Inputting a memo



Select the day you want to input a memo.



Select the **"Memo"** switch to display the input "Memo" screen.



Select alphabet, umlaut keys directly input a memo. You can input up to 16 characters.

After you input the memo, select the "OK" switch at the bottom right of the screen. The previous screen will be displayed.

You can input a memo until December 31.



The date you inputted is displayed above the illustration.



You can select your desired date and/or mark color. Select the **"Chg. mark"** switch on the "Memo" screen.



Select your desired date or mark color. If you want to default the date color you chose, select the **"Cancel"** switch on the "Change mark" screen.

After you select the date and/or mark color, select the **"OK"** switch to display the previous screen.

b) Adding a memo



When you want to add a memo, directly select the date you want to add the memo.

The “Memo” screen appears on the display. If selecting “Memo” switch, the memo input screen is displayed. (See page 122 for inputting a memo.)

You can input up to three memos a day.

(c) Deleting a memo



Select the date you already inputted the memo.

Displaying the memo you want to delete and then select the “Delete” switch on the “Memo” screen. A message appears on the display.

To delete, select the “Yes” switch. If not, select the “No” switch.

Editing a memo



If you want to edit the memo, select the “**Edit**” switch. Selecting the “**Edit**” switch will display the memo edit screen.



See page 122 for inputting a memo.

(e) Memo list



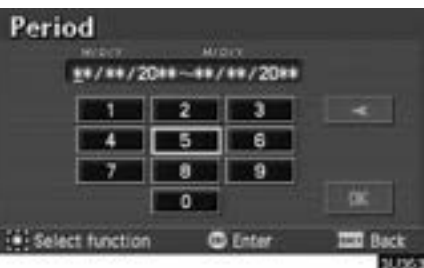
If you want to have a look of the memo you inputted, select the “**List**” switch to display the “Memo list”.

INFORMATION

Before changing to the “Memo list” screen, there is a case where “List searching” screen and “Period” screen will be displayed.



Select your desired search condition to list the memo. The “Memo list” is displayed on the screen.



In case of selecting the “Period” switch, you can display the memo list as long as you desired. Select number keys to input your desired search period.

After inputting a search period of time, select the “OK” switch. The “Memo list” screen will be displayed.

You can input a search period from January 1, 2000 through December 31, 2020.



If you want to delete and/or edit a memo, select the ☐ switch on the memo.

If you want to delete all of the memos, select the “Del. all” switch. A message appears on the display.

To delete, select the “Yes” switch. If not, select the “No” switch.

If you want to remove all of the color data you inputted, select the “move color” switch on the “Memo list” screen. A message appears on the display.

To remove, select the “Yes” switch. If not, select the “No” switch.



Edit: Select the “**Edit**” switch. (See page 124 for details.)

Delete: Select the “**Delete**” switch. (See page 123 for details.)

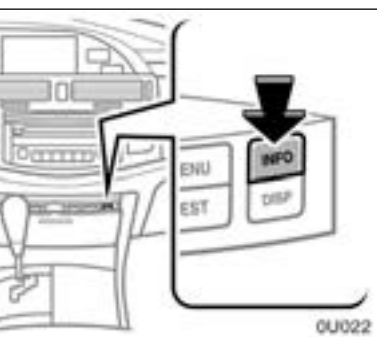
OTHER FUNCTIONS

- Clock adjustment 123
- Trip information 123
- Screen adjustment 131
- Speech command system 131

Clock adjustment



The clock can be corrected manually or by receiving signals from the GPS. Daylight Saving Time setting or your desired time zone setting is available.



Push the "INFO" button on the navigation controller.



2. Select the "Adjust Clock" switch.



"Auto Adjust": Before you use the auto adjust function, select the time zone (see "Time Zone" described below). When you select the "ON" switch, the time is automatically adjusted by the GPS clock. When you select the "OFF" switch, you can adjust the clock manually with "H", "M" and ":00" switches.

"H": To set the hour with "Auto Adjust OFF", select this switch.

"M": To set the minute with "Auto Adjust OFF", select this switch.

":00": To adjust the time to the nearest hour, select this switch.

"Daylight Saving Time": Daylight saving time can be set or canceled.

"Time Zone": You can select the time zone. When you select this switch, the display will be changed to the time zone selection screen. The initial setting is "Eastern Standard Time".

Trip Information

Trip information such as driving distance, average vehicle speed, fuel consumption, etc. can be displayed on the screen.

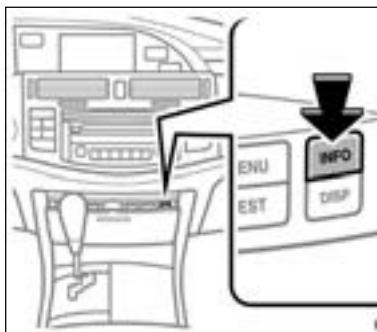


For vehicle sold in U.S.A.



For vehicle sold in Canada

Select the switch of your desired area. The time zone for the area is set and the previous screen returns.



1. Push the “INFO” button on the navigation controller.



2. Select the “Trip Information” switch.



“Consumption”

Instantaneous fuel consumption is calculated and displayed based on distance and fuel consumption for 1 second with the engine running.

The displayed value is updated every 1 second.

Note that an accurate figure may not be shown in the following cases.

When the vehicle is stopped with the engine running, the display will indicate an extremely high fuel consumption.

When the vehicle is driving down a long slope, applying the engine brake, the display will indicate the extremely low fuel consumption.

The calculation is reset when the engine is turned off.

“After Refueling”

Average fuel consumption is calculated and displayed based on total driving distance and total fuel consumption with the engine running.

The displayed value is updated every 10 seconds.

Every time you refuel the vehicle, the calculation is reset. When refueling, be sure to stop your vehicle and turn the engine off.

“Cruising Range”

The distance the vehicle can travel with the remaining fuel is calculated and displayed based on the quantity of remaining fuel and past fuel consumption.

The driving range display indicates the approximate distance that you can drive until the fuel gauge reaches “E”. It is different from the actual distance traveled.

The displayed value is updated every time the fuel equivalent for 1 mile or 1 km is consumed.

Every time you refuel the vehicle, the calculation is reset. When refueling, be sure to stop your vehicle and turn the engine switch off.

The actual driving range varies with driving habits and road conditions. If fuel consumption is good, the driving range will be longer. If fuel consumption is poor, the driving range will be shorter.

If the low fuel level warning light comes on, refuel even if the display indicates that the vehicle can be driven further.

“Average Speed”

The average speed is calculated and displayed based on the total driving distance and the total driving time with the engine running.

The displayed value is updated every 10 seconds.

To reset the calculation, push the “ENTER” button.

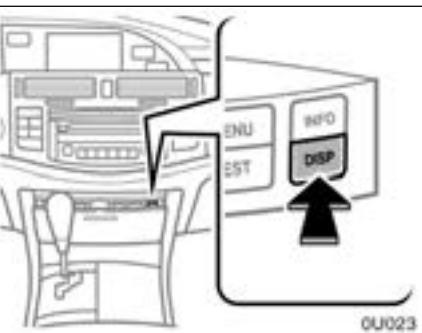
“Distance”

The trip distance is displayed.

To reset the calculation, push the “ENTER” button. The average speed is also reset.

Screen adjustment

You can adjust the brightness or contrast of the screen depending on the brightness of your surroundings. You also can turn the display off.



Push the “DISP” button on the navigation controller.

INFORMATION

The display may be tinged in purple due to the reflection of sunlight, but this is not a malfunction.



Contrast and brightness adjustment

“Contrast” “+”: Strengthens the contrast of the screen.

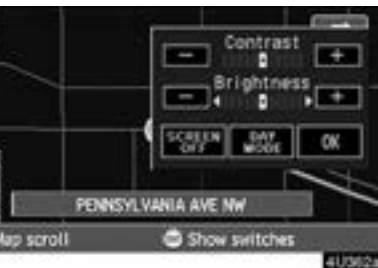
“Contrast” “-”: Weakens the contrast of the screen.

“Brightness” “+”: Brightens the screen.

“Brightness” “-”: Darkens the screen.

The screen turns off when you select “SCREEN OFF”. To turn the screen back on, push any buttons on the navigation controller such as “VOICE”, etc. The selected screen appears.

Speech command system

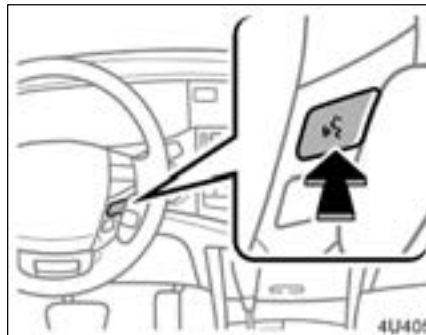


When the headlight switch is at “ON” position, the screen changes to the day mode or night mode.

To display the screen in the day mode even when the head light switch on, select “**DAY MODE**” switch on the adjustment screen for brightness and contrast control.

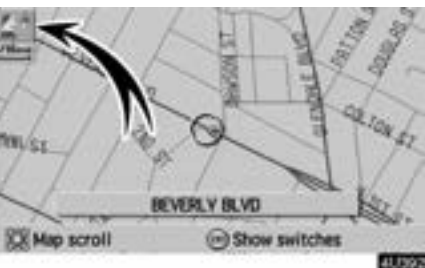
When the screen is set in the day mode with the headlight switch turned to on, this condition is memorized in the system even with the engine turned off.

The speech command system allows you to operate the navigation system with your voice.



1. Push the talk switch.

A beep sounds and an indicator is shown on the screen.



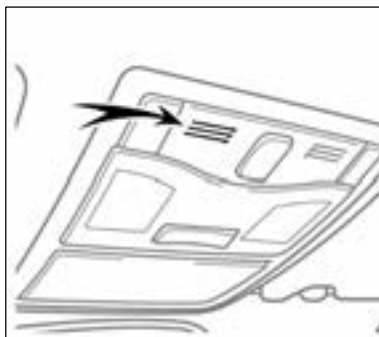
2. Give a command while an indicator is shown on the screen.

If the navigation system does not respond or the confirmation screen does not disappear, please push the talk switch and try again.

If no command is given, a beep sounds and the indicator disappears 6 seconds later.

If the system does not recognize your speech, the system will respond with this message ("System does not recognize this command, please rephrase your command."). Start the operation from the beginning.

See page 136 for the command list.



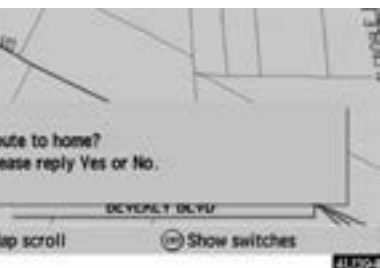
Microphone

It is unnecessary to speak directly into the microphone when giving a command.

Speech command example: Search for a route to your home.

1. Push the talk switch.
2. Say "Go home".

If your home is not registered, you will hear "Home is not registered".



you hear “Are you sure that you want to go home?” (also shown on screen), push the talk switch and say “Yes”.

If you say “No”, the search will be cancelled.

You will hear “Calculating route to home” and then the system starts searching for a route.

INFORMATION

Under the following conditions, the system may not recognize the command properly and using speech commands may not be possible.

The command is not correct or unclear. Note that certain words, accents, or speech patterns may be difficult for the system to recognize.

There are some noises such as wind noise, etc.

APPENDIX

- Speech command list 136

Speech command list

Operation 1

Command	Action
Current Position	Shows current position map.
Current Location	
Zoom In	Zooms in.
Zoom Out	Zooms out.
Maximum Scale	Shows maximum scale.
Minimum Scale	Shows minimum scale.
Right Map Zoom In	Zooms right map in.
Right Map Zoom Out	Zooms right map out.
Right Map Minimum Scale	Shows right map minimum scale.
Right Map Maximum Scale	Shows right map maximum scale.
North Up	Changes map bearing to north up.
Change to North Up	
Heading Up	Changes map bearing to heading up.
Change to Heading Up	
Change Direction	Changes map bearing to another direction.
Change Map Direction	
Right Map North Up	Changes right map bearing to north up.
Right Map Heading Up	Changes right map bearing to heading up.
Right Map Direction	Changes right map bearing to another direction.
Toggle Map	Changes map to dual mode.
Change to Dual Map	
Single Map	Changes map to single mode.
Change to Single Map	

Map Operation 2 — To register a point

Command	Action
Mark This Point	Registers this point as a map point.
Mark	

Map Operation 3 — To change the guidance mode

Command	Action
Arrow Guide	Changes guidance screen to arrow mode.
Arrow Guidance	
Change to Arrow Guide	
Change to Arrow Guidance	
Turn List Guide	Changes guidance screen to turn mode.
Turn List Guidance	
Change to Turn List Guide	
Change to Turn List Guidance	
Map Guide	Changes guidance screen to map mode.
Map Guidance	
Change to Map Guide	
Change to Map Guidance	

Function 1

Command	Action
Home	Calculates route to home.
Home	
to Starting Point	Calculates route to previous starting point.
Previous Starting Point	
Set Destination Number One	Calculates route to preset destination 1.
Set Destination One	
to Preset Destination Number 1	
to Preset Destination One	
Set Destination Number Two	Calculates route to preset destination 2.
Set Destination Two	
to Preset Destination Number 2	
to Preset Destination Two	
Set Destination Number Three	Calculates route to preset destination 3.
Set Destination Three	
to Preset Destination Number 3	
to Preset Destination Three	
Set Destination Number Four	Calculates route to preset destination 4.
Set Destination Four	
to Preset Destination Number 4	
to Preset Destination Four	
Set Destination Number Five	Calculates route to preset destination 5.
Set Destination Five	
to Preset Destination Number 5	
to Preset Destination Five	

Destination 2 — To enter a destination from the list

Command	Action
Go to Previous Destination	Shows previous destination list
Previous Destination	
Number One	Calculates route to previous destination 1.
One	
Number Two	Calculates route to previous destination 2.
Two	
Number Three	Calculates route to previous destination 3.
Three	
Number Four	Calculates route to previous destination 4.
Four	
Number Five	Calculates route to previous destination 5.
Five	

Route Change

Command	Action
Delete Next Destination	Deletes next destination and reroutes.
Cancel Next Destination	
Delete Final Destination	Deletes final destination and reroutes.
Cancel Final Destination	
Delete All Destinations	Deletes all destinations and reroutes.
Cancel All Destinations	
Reroute	Changes the route.
Detour	Calculates 5 miles detour route.
Detour Entire Route	Calculates alternate route.
Suspend Guidance	Suspends the guidance.
Stop Guidance	
Resume Guidance	Resumes the guidance.
Start Guidance	

To reply for confirmation step

Command	
---------	--

















ance — To use the route guidance conveniently

Command	Action
Repeat Guidance	Repeats voice guidance.
Repeat Voice	
Refresh Route Map	Shows entire route.
Refresh Route	
Route Overview	
Next Destination Map	Shows position of next destination.
First Destination Map	Shows position of first destination.
Second Destination Map	Shows position of second destination.
Third Destination Map	Shows position of third destination.
Fourth Destination Map	Shows position of fourth destination.
Fifth Destination Map	Shows position of fifth destination.
Final Destination Map	Shows position of final destination.


me — To change the Volume





Command	Action
Volume Up	Turns volume up 1 level.
Volume Down	Turns volume down 1 level.
Voice Guidance OFF	Turns voice guidance off.
Voice Guidance ON	Turns voice guidance on.

POI* display on the map

Command	Action
Automobile Club	Displays  icon.
Triple A	
Auto Service & Maintenance	Displays  icon.
Auto Service	
Gas Station	Displays  icon.
Gas	
LEXUS Dealership	Displays  icon.
LEXUS Dealer	
Parking Garage	Displays  icon.
Parking Lot	Displays  icon.
TOYOTA Dealership	Displays  icon.
TOYOTA Dealer	
ATM	Displays  icon.
Bank	Displays  icon.
City Hall	Displays  icon.
Civic Center	Displays  icon.
Community Center	
Convention Center	Displays  icon.
Exhibition Center	
Court House	Displays  icon.
Higher Education	Displays  icon.
University	
College	
Hospital	Displays  icon.
Library	Displays  icon.

Command	Action
Police Station	Displays  icon.
Pool	Displays  icon.
Amusement Park	Displays  icon.
Casino	Displays  icon.
Golf Course	Displays  icon.
Marina	Displays  icon.
Museum	Displays  icon.
Parks & Recreation	Displays  icon.
Parks & Recreation	
Performing Arts	Displays  icon.
Resort	Displays  icon.
Spa	
Sports Complex	Displays  icon.
Stadium	
Tourist Attraction	Displays  icon.
Bar	Displays  icon.
Restaurant	Displays  icon.
Starving	
American Restaurant	Displays  icon.
American Food	
Chinese Restaurant	Displays  icon.
Chinese Food	

Command	Action
French Restaurant	Displays  icon.
French Food	
Italian Restaurant	Displays  icon.
Italian Food	
Japanese Restaurant	Displays  icon.
Japanese Food	
Mexican Restaurant	Displays  icon.
Mexican Food	
Seafood Restaurant	Displays  icon.
Seafood	
Other Restaurant	Displays  icon.
Other Food	
Grocery Store	Displays  icon.
Shopping Mall	Displays  icon.
Shopping	
Airport	Displays  icon.
Bus Station	Displays  icon.
Commuter Rail Station	Displays  icon.
Ferry Terminal	Displays  icon.
Historical Monument	Displays  icon.
Hotel	Displays  icon.
Park & Ride	Displays  icon.
Rental Car Agency	Displays  icon.

Command	Action
rist Information	Displays  icon.
n Station	Displays  icon.
iness Facility	Displays  icon.
Center	Displays  icon.
* Off	Delete

nt of Intersect

Audio mode change

Command	Action
Radio	Changes to Radio mode.
AM	Changes to AM mode.
FM	Changes to FM mode.
FM 1	Changes to FM 1 mode.
FM 2	Changes to FM 2 mode.
CD Changer	Changes to CD changer mode.
CD	
Audio On	Turns audio on.
Audio Off	Turns audio off.

Radio operation

Command	Action
Seek Up	Seeks up.
Seek Down	Seeks down.

CD changer operation

Command	Action
Track Up	Plays next track.
Track Down	Plays current track.
Previous Track*	Plays previous track.
Disc Up	Changes to next disc.
Next Disc	
Disc Down	Changes to previous disc.
Previous Disc	

* This command cannot be recognized for the MP3/WMA disc.

Hands-free mode change

Command	Action
Phone	Changes to hands-free mode.
Telephone	
Make a call	
Place a call	

Numbers	
es switch	40
g a memo	123
g a preferred road	99
g the destination	97
ss switch	22
t clock switch	128
t time zone	110
bet key	17
to avoid	92
r screen	43
O button	13
atic rerouting	107
K button	13
adar switch	121
adar with memo	121
ation	95
ories	28
ION screen	3
ge switch	18
ging the area size	94
ging the icon	87
ging the location	94
ging the name	87, 94
ging the phone number	87
route switch	10
ame	24, 27
ATE button	13
adjustment	128
oller	16
oller and buttons	13
nt position calibration	95
nt position display	45
nt street name	113

D

Daylight saving time	12
Dealer setting	11
Deleting a destination	9
Deleting a memo	12
Deleting a preferred road	10
Deleting area to avoid	9
Deleting dealer	12
Deleting marked points	8
Deleting preset destinations	9
Deleting your home	5
DEST button	18, 1
Destination input	1
Destination input by ADDRESS	2
Destination input by EMERGENCY	3
Destination input by FREEWAY ENTRANCE or EXIT	3
Destination input by HOME	3
Destination input by INTERSECTION	3
Destination input by MAP	3
Destination input by MARKED POINTS	3
Destination input by POI (point of Interest)	2
Destination input by PRESET DESTINATION	3
Destination input by PREVIOUS DESTINATION	3
Destination input by PREVIOUS STARTING POINT	3
Destination input by TELEPHONE NUMBER	3
Detour setting	5
DISP button	1
Display, symbols and switches	1
Displaying points of interest	5
Distance	1
Distance and time to destination	1

E

Edit route	9
Edit route switch	97, 99, 10
Editing a memo	12
Editing area to avoid	9
Editing dealer	11
Editing marked points	8
Editing preset destinations	9
Editing the location	88, 11
Editing the name of the dealer or contact	11
Editing the phone number	11

Freeway Ent./Exit switch	36
--------------------------------	----

G

GPS	58
Guidance mode	43
Guidance screen	43

H

Heading-up	10
Heading-up symbol	57
Home switch	38
House number	22
How to move the cursor	18

INFO button	13
Initial screen	3
Inputting a city name	24, 27
Inputting a memo	122
Inputting a street name	22
Inputting letters and numbers	17
Inputting the name of the point of interest directly	26
Intersection switch	35

Language switch	4
Limitations of the navigation system	58
List of points of interest	30
List screen operation	17

M

Maintenance information	114
Maintenance information items	116
Maintenance switch	114
Map appearance	43
Map appearance switch	43
Map color	107
Map database information and updates	61
Map orient switch	10
Map scale	56

MAP/VOICE button	
Mark switch	
Marked points	
Marked points switch	32, 49, 84,
Memo list	
MENU button	
Microphone	
Modifying a preferred road	

N

Near 5 cities	
North-up	
North-up symbol	
Notify seasonal restrict	

O

Orientation of the map	
------------------------------	--

P

Phone # switch	
POI as a destination	
POI switch	
Position/direction calibration	
Preset destination switch	
Preset destinations	
Previous destination switch	
Previous starting point switch	

Q

Quick marked point registration	
---------------------------------------	--

entering area to avoid	92
entering dealer	117
entering marked points	84
entering preset destinations	90
illustration of your home	49
entering a destination	98
screen switch	10
voice guidance available area	72
voice guidance screen	41
voice overview	102
voice overview switch	54, 102
voice preference	40
voice preview	102
voice preview switch	102

voice indicator	10
voice adjustment	131
voice on off	131
voice scrolling	56
voice condition	101
voice track and scroll lever	13
voice setting a language	4
voice navigation from the point of	
voice rest categories	28
voice setting a preferred road	99
voice	106
voice switch	95, 106
voice name	88
voice screen	41
voice touch command list	136
voice touch command system	132
voice touch command system	
voice indicator	10
voice screen	41
voice track name	22

voice switch	132
voice to destination	108
voice change calibration	96
voice information	129
voice information switch	129
voice list	54
voice list screen	43
voice al voice guidance prompts	47

V

View map	12
Voice guidance	4
Voice guide in all modes	11
Volume switch	4

Y

Your navigation system	1
------------------------------	---

Z

Zoom in button	1
Zoom out button	1

